

# Landolt-Börnstein Indexes of Organic Compounds

Subvolumes A-I

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Landolt-Börnstein

Numerical Data and Functional Relationships in Science and Technology

*New Series* / Editor in Chief: W. Martienssen

# Index of Organic Compounds

Subvolume A

Compounds with 1 to 7 Carbon Atoms

Editor: V. Vill

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## Preface

This index is a guide to organic compounds which have material constants of general interest described in the Landolt-Börnstein / New Series. Compiled are volumes containing molecular constants, density, surface tension, dielectric constants, refractive index, vapor pressure, phase transition temperatures and transition enthalpies. In total in the subvolumes A, B and C, 16823 compounds with 33816 references to numerical data are recorded. All compounds are given with the drawing of the chemical structure, the molecular formula, chemical names, the Chemical Abstracts registration numbers (CAS-RN) and references to Landolt-Börnstein citations, including their occurrence in binary mixtures.

This index is the first step to a full electronisation of all Landolt-Börnstein volumes that have been published to date. The goals are, to create a material knowledge system, to provide a means of accessing all the data in electronic form and to be able to search effectively specific data. Parallel to the electronisation, the data will be indexed, similar to these volumes.

The referenced volumes contain only text descriptions of the chemical structures: name, CAS-RN and molecular formula. This data was assembled, analysed and matched with each other to yield a list of individual compounds without duplicates. This work becomes sometimes non-trivial because compounds can have multiple chemical names and even CAS-RN are sometimes not unique due to out-dated numbers (CAS-DR) and specialized CAS-RN (for trade names, partly defined stereochemistry, or individual characteristics more detailed than the drawing sketch). Furthermore, about 17000 structure drawings had to be prepared for all compounds, including the exact stereo information. All this data assembly has been performed with the new, object-oriented database technology SciDex.

The index is prepared in two different forms: a printed book in three subvolumes and an electronic database. Up to now, many users prefer printed books to electronic media. Books can show a large amount of information in high printing quality with one single glance. They are documents which survive all changes of computer systems and operating systems. Of course, the electronic version gives more functionality to the data, e.g. substructure search and structure comparison methods. Further, the electronic version contains additional links to third party references (Beilstein and LiqCryst registration numbers) as well as more alternative compound names.

Scientific data are not only numbers and words, but also rules, principles and complex data like molecular structures, spectra and reaction conditions, which have multiple relations between each other. Scientific information with the purpose of documentation can be handled with conventional relational databases. Scientific information with the function of a knowledge base with analysis and prediction methods require new methods, i.e. object oriented methods. 'Objects' are scientific data, connected with scientific rules and the relations to other data. A search for a particular information is an operator working on the documented knowledge: find, interpolate, deduce or calculate the requested data.

Some electronical media of chemical information are already established, e.g. Chemical Abstracts Service, Beilstein, SpecInfo, Brookhaven etc. The Landolt-Börnstein series contains numerical, evaluated data relevant for chemistry and physics, which is not limited by publication years, or restricted to single measurement spots. Thus, the electronical Landolt-Börnstein will yield a novel, powerful tool for quantitative structure/activity relationships (QSAR, QSPR) as well as reference, analysis and prediction instrument for physical chemistry.

Only evaluated data can be used as basis for a knowledge base. The critical work of the several, individual specialists as authors of the Landolt-Börnstein is here continued by the careful compilation and analysis of the full list of organic compounds. This could only be done by the decisive and competent help of Dipl. Chem. Gaja Peters, Sven Gerber and Oliver Konrad. We also thank Dr. Jürgen Vogt for his helpful comments. The Landolt-Börnstein team, and particular Dr. Rainer Poerschke and Dr. Hans Seemüller, jointly support this project.

Hamburg, June 1999

The Editor



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(ROOT)\	
— README.txt	General Information about the electronic Index.
— RUN\	
— LBORGIND.exe	Executable file for 16bit Windows (Win 3.xx, 95, 98)
— LBORGIND32.exe	Executable file for 32bit Windows (Win 95, 98, NT)
— INSTALL\	
— README.txt	Information about the setup-programs
— 16bit\	
— SETUP.exe	Installation program for 16bit Windows
— 32bit\	
— SETUP32.exe	Installation program for 32bit Windows

## Introduction

### 1 General remarks

#### 1.1 Selection of data

##### 1.1.1 Resources

The organic compounds compiled in this index have been extracted from the following volumes of the Landolt-Börnstein.

LB Volume	Data Description
II/4	Molecular constants from microwave spectroscopy
II/6	Molecular constants from microwave, molecular beam and ESR spectroscopy
II/14 a,b	Molecular constants mostly from microwave, molecular beam and ESR spectroscopy
II/19 a,b,c,d1,d2	Molecular constants mostly from microwave, molecular beam, ESR and sub-Doppler laser spectroscopy
III/38 a,b	Optical constants: refractive indices
IV/6	Dielectric constants
IV/7 a,b,c,d,e,f	Phase transitions of liquid crystals
IV/8 a,b,c,d,e,f	Thermodynamic properties: enthalpy of fusion, density
IV/16	Surface tension
IV/20 a	Vapor pressure of chemicals

These volumes contain data of organic compounds which have multiple interests and applications. Further, the dependencies between these data can be used for QSPR. Volumes, which contain only specialized data or are not focused on organic molecules are not included here.

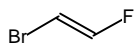
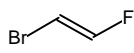

The six subvolumes of IV/7 (Phase transitions of liquid crystals) contain more than 40,000 compounds, whereas the other volumes combined contain about 17,000 compounds. The volume IV/7 is organised like an index itself and contains mainly data of specific interest. Therefore, and because it contains also more than two times as much as all the other volumes, only those compounds from IV/7 are recorded here, which are also referenced in other volumes.

##### 1.1.2 Compounds

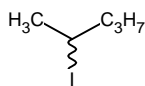
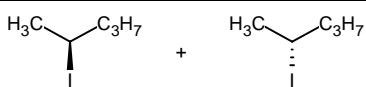
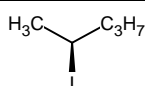
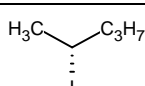
All compounds with at least one carbon atom are selected for this index. Also, binary mixtures including at least one organic compound are recorded. Mixtures which form molecular complexes with an exact relation (e.g. 1:1, 1:2) between the molecules are treated as one compound with an individual registration number. References to the single compounds will be given and marked with (S) behind the number. As well single compounds, which are part of such a defined mixture, will give a reference to it, denoted by (M) behind the number. These mixtures are mainly from the volumes with spectroscopic data (II/4, II/6, II/14 and II/19). Mixtures with variable concentrations are listed with the components, these are from volumes for material properties (III/38, IV/6 and IV/16).

Sometimes a compound is not identified uniquely in the primary literature, when the compound is described with partially defined stereo-chemistry. This is often the case when double bonds are involved that can be *trans* or *cis* configured, or when the compound contains asymmetric carbon atoms, or any combination of asymmetric carbon atoms and asymmetric substituted double bonds.

Two examples shall demonstrate this: The first shows an excerpt where a compound exists in unspecified configuration, and in *trans*-configuration or *cis*-configuration, therewith resulting in three entries in the table. The second example shows a compound that is three times clearly defined as R- or S- enantiomer and as racemate, and once is unspecified. Since nobody can know which configuration the unspecified compound corresponds to, it will get an entry of its own.

<b>630</b>	C <sub>2</sub> H <sub>2</sub> BrF 124.95 460-11-7		1-bromo-2-fluoro-ethene	III/38b 2.1:1022
<b>631</b>	C <sub>2</sub> H <sub>2</sub> BrF 124.95 2366-32-7		<i>trans</i> -1-bromo-2-fluoro-ethylene	III/38b 2.1:1023
<b>632</b>	C <sub>2</sub> H <sub>2</sub> BrF 124.95 2366-31-6		<i>cis</i> -1-bromo-2-fluoro-ethylene	III/38b 2.1:1024

Example 1: unspecified double bond, *trans* and *cis*-configuration, respectively

<b>3556</b>	C <sub>5</sub> H <sub>11</sub> I 198.05 637-97-8		2-iodo-pentane	III/38b 2.1:2648
<b>3557</b>	C <sub>5</sub> H <sub>11</sub> I 198.05 52152-72-4		(±)-2-iodo-pentane	IV/16 2.1.7:828
<b>3558</b>	C <sub>5</sub> H <sub>11</sub> I 198.05 29882-59-5		(S)-2-iodo-pentane	III/38b 2.1:2647
<b>3559</b>	C <sub>5</sub> H <sub>11</sub> I 198.05 29117-45-1		(R)-2-iodo-pentane	III/38b 2.1:2646

example 2: unspecified, racemate, R and S-enantiomer, respectively

As seen in the second example, unspecified stereo-bonds will usually be displayed with a wavy line in place of the wedge or dashed bond that specifies exact stereo-chemistry. Unspecified double bonds are usually drawn the same way as a *trans*-bond.

Since the data are excerpted from multiple volumes, sometimes inconsistencies in the data arose, for example occurred in very few cases a mismatch between compound names, formula, and sometimes CAS-RN. The editor chose in most of these cases the CAS-RN, if a valid CAS-RN was given, and the compound name in all other cases as the most representative determination of the structure.

## 1.2 Drawing of structures

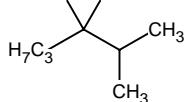
### 1.2.1 General remarks

The orientation of the structures has been optimised for space saving, to reduce the amount of total pages needed as much as possible. The bond-length of the structures was normalized where possible. In case of large structures, the bond-length was proportionally decreased, so that the compound would fit into the table cell.

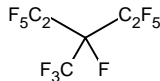
All structures are saved in the electronic version with their complete connectivity, but for display one can choose to abbreviate drawings, so as to make the structures easier readable. The printed version contains in all cases these abbreviated structures.

### 1.2.2 Methods of abbreviation of drawings

Alkyl chains: Alkyl chains of C<sub>2</sub> and longer are always abbreviated as a textstring, like C<sub>3</sub>H<sub>7</sub> as in the example. Methyl groups are in most cases displayed as CH<sub>3</sub>, except at quaternary centers, to facilitate the reading of highly branched structures. The following example shows two CH<sub>3</sub>-groups to the right, while the two groups in the middle are connected to a quaternary center and only displayed as an "empty" line.

<b>8124</b>	C <sub>9</sub> H <sub>20</sub> 128.26 16747-28-7		2,3,3-trimethylhexane	<b>III/38b 2.1:5323;</b> <b>IV/8b 2.3:67;</b> <b>IV/16 2.1.7:1745;</b> <b>IV/20a 2.2:534</b>
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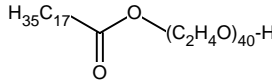
Persubstituted chains: Alkyl chains that are persubstituted with a particular element, like Fluor, or Deuterium are shortened just like in the above example. CF<sub>3</sub> or CD<sub>3</sub> will for obvious reasons never be omitted as CH<sub>3</sub>.

<b>3772</b>	C <sub>6</sub> F <sub>14</sub> 338.04 865-71-4		perfluoro-3-methylpentane; undecafluoro-3- (trifluoromethyl)pentane	<b>IV/20a 4.4:1039</b>
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Special groups: For example cyano groups, nitro groups as well as carbonic acids will be abbreviated in the drawing.

<b>1379</b>	C <sub>3</sub> H <sub>4</sub> N <sub>2</sub> O <sub>3</sub> 116.08 50434-02-1		nitric acid 2-cyano-ethyl ester	<b>III/38b 2.1:1286</b>
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Poly-ethoxy chains: will be identified and shortened as well.

<b>16821</b>	C <sub>98</sub> H <sub>196</sub> O <sub>42</sub> 2046.63 9004-99-3		myrj 52	<b>IV/16 2.1.7:2704</b>
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## 1.3 Sort criteria

### 1.3.1 Sort criteria for index by molecular formula and chemical structures

The compounds are sorted according to the following criteria, in descending precedence.

1. Molecular formula
2. Ring count
3. Ring size
  - a) Ring size of smallest ring
  - b) Size of other rings
4. Number of branches in a compound (linearity)
5. Number of substituents on rings
6. Substituent count at highest substituted atom
7. Stereochemistry

### 1.3.2 Sort criteria for index by Chemical Abstracts registration numbers (CAS-RN)

This index is simply sorted by the numerical value of the CAS-RN and points for each CAS-RN to the running number in the index by molecular formula. Out-dated, deleted CAS-RN (= CAS-DR) have been included in this index, and are displayed in the CAS index in *italics* and marked additionally with a star\*.

## 1.4 Reference description

The reference shortcut can be used to directly localize the compounds in the LB volumes. Because every volume contains an individual way of naming subvolumes, chapters and tables, slightly differing ways of descriptions were applied. In general, an entry will look like <group>/<volume><subvolume> <chapter>.<section>:<compound>, e.g. IV/20a 3.1:53 → the compound can be found in volume IV/20a in chapter 3, section 1, and has the running number 53 in that chapter or volume. The only exception is the volume IV/8a, which has no running numbers, so that the page-number in that volume is recorded instead. For a detailed description of the references in the various volumes, see the following table.

LB Vol. Citation	Description
II/4 2.b:c	chapter 2; section 'b'; compound 'c'
II/6 a.b:c (or) 2.b.bb:c	chapter 'a'; section 'b' or 'b.bb'; compound 'c'
II/14x a.b.bb:c	subvolume 'x' (a or b); chapter 'a'; section 'b.bb' (sometimes 'b.bb.bbb'); compound 'c'
II/19x 2.b.bb:c	subvolume 'x' (a to c, d1, d2); section 'b.bb' (sometimes 'b.bb.bbb'); compound 'c'
III/38a a.1:c	chapter 'a' (2 = pure liquids, 3 = binary mixtures); section 1; compound 'c'
III/38b 2.1:c	chapter 2; section 1; compound 'c' (only single compounds)
IV/6 a.1:c (or) a.1.bb:c	chapter 'a' (2 = pure liquids, 3 = binary mixtures); section 1 or '1.bb'; compound 'c'
IV/7x a.b:c	subvolume 'x' (a to f); chapter 'a'; section 'b'; compound 'c'
IV/8a 3.5.bb, p. d	section 'bb'; page 'd' (no running numbers for this subvolume)
IV/8x a.b:c	subvolume 'x' (b to f); chapter 'a'; section 'b'; compound 'c'
IV/16 a.1.bb:c	chapter 'a' (2 = pure liquids, 3 = binary mixtures); section '1.bb'; compound 'c'
IV/20x a.b:c	subvolume 'x' (always a); chapter 'a'; section 'b'; compound 'c'

## 1.5 Table structure

### 1.5.1 Index by molecular formula and chemical structures

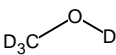
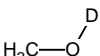
The table is organized in five columns as follows:

Column	Contents
1	Running number of the compound
2	Molecular formula; Molecular mass [g/mol]; CAS-RN
3	Chemical structure drawing If applicable also references to isotopes, molecular mixtures, single compounds
4	Compound name(s)
5	Landolt-Börnstein references Single compound references are written out in full, mixtures are preceded with the word 'Mixtures:' and written in a concatenated format.

In order to facilitate the search for a particular compound in the large amount of data, the carbon count of the first molecule in the current page will be displayed at the top of each page, and the table will show a dividing horizontal bar between two compounds with differing carbon count.

In some cases, the third column will show crossreferences to other entries in the index-file. This applies for structures which have a deuterated and a "normal" form in the database, and for structures which are either part of a binary defined mixture, or are a defined mixture themselves. The crossreference contains always the running number plus an identifier for the relationship. The relationships H, D, M and S are defined as follows:

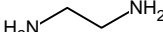
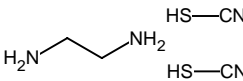
- H The crossreference shows the same compound non-deuterated
- D The crossreference shows the same compound (possibly partly) deuterated
- M This compound is also part of a defined binary mixture
- S Crossreference to the single compounds of a defined mixture.

<b>71</b>	CD <sub>4</sub> O 36.07 811-98-3	 see also: <b>263(H)</b> , <b>327(H)</b>	tetra-deuterio-methanol	<b>III/38b 2.1:918</b>
<b>263</b>	CH <sub>3</sub> DO 33.05 1455-13-6	 see also: <b>71(D)</b> , <b>327(H)</b>	O-deuterio-methanol; methanol-D <sub>1</sub> ; methyl alcohol-d	<b>III/38b 2.1:952;</b> <b>IV/6 2.1.3:115;</b> <b>IV/8a 3.5.1,p.36</b>
<b>327</b>	CH <sub>4</sub> O 32.04 67-56-1	H <sub>3</sub> C—OH see also: <b>71(D)</b> , <b>263(D)</b> , <b>311(M)</b> , <b>341(M)</b> , <b>368(M)</b> , <b>1022(M)</b>	methanol; methyl alcohol	<b>II/4 2.5:38;</b> <b>II/4 2.6:110;</b> <b>[...]</b> <b>Mixtures:</b> <b>[...]</b>

Explanation: Compound 71 has two references to compounds with "less Deuterium"

Compound 263 has one reference to 71 which is deuterated, and one to 327, which is "normal"

Compound 327 has two references to the deuterated forms, as well as references to defined binary mixtures.

<b>167</b>	CHNS 59.09 463-56-9	NC—SH see also: <b>2680(M)</b> , <b>3604(M)</b> , <b>3618(M)</b>	hydrogen thiocyanate; thiocyanic acid	<b>IV/20a 3.1:65</b>
<b>1037</b>	C <sub>2</sub> H <sub>8</sub> N <sub>2</sub> 60.10 107-15-3	 see also: <b>2680(M)</b>	1,2-diaminoethane; dimethylenediamine; ethane-1,2-diamine; 1,2-ethanediamine; ethylenediamine	<b>II/14a 2.5.2:176;</b> <b>II/14a 2.6.3.2:88;</b> <b>III/38b 2.1:1171;</b> <b>IV/6 2.1.3:198;</b> <b>IV/8a 3.5.1,p.52;</b> <b>IV/16 2.1.7:495;</b> <b>Mixtures:</b> <b>III/38a 3.1:22;</b> <b>IV/6 3.1:233, 238</b>
<b>2680</b>	C <sub>4</sub> H <sub>10</sub> N <sub>4</sub> S <sub>2</sub> 178.28 22205-63-6	 see also: <b>167(S)</b> , <b>1037(S)</b>	ethylenediamine dihydrothiocyanate; thiocyanic acid, compd. with ethylenediamine (2:1)	<b>IV/8a 3.5.2,p.87</b>

Explanation: The defined mixture 2680 has two crossreferences to the single compounds

The compounds 1037 and 167 point to their mixture

Compound 167 appears in other defined mixtures with other compounds as well.

Noteworthy is also that compound 1037 has in the LB-references "Mixtures" entries as well, these are mixtures which are not an exact relation, and therefore not taken into the database as a separate entry.

### 1.5.2 Index sorted by Chemical Abstracts registry numbers

This index combines both entries of actual (current) CAS-RN and deleted (old) Registry Numbers that have been removed from the Chemical Abstracts System, but remain visible as CAS-DR numbers. The CAS-DR numbers will not be shown in the compound index, since in some cases there are very many deleted numbers for one compound.

The table is organized in two columns as follows:

Column	Contents
1	CAS-RN or CAS-DR*
2	Volume and running number

Out-dated, deleted CAS-RN (= CAS-DR) are displayed in the CAS index in *italics* and marked additionally with a star\*.

## 1.6 Exact volume titles and references

### **Volume II/4: Molecular Constants from Microwave Spectroscopy**

Editors: K.-H. Hellwege, A.M. Hellwege

Author: B. Starck

1967. 67 figs., X, 225 pages. ISBN 3-540-03896-5

### **Volume II/6: Molecular Constants from Microwave, Molecular Beam, and Electron Spin Resonance Spectroscopy**

(Supplement and extension to volume II/4)

Editors: K.-H. Hellwege, A.M. Hellwege

Authors: J. Demaison, W. Hüttner, B. Starck, I. Buck, R. Tischer, M. Winnewisser

1974. 153 figs., XIII, 688 pages. ISBN 3-540-05977-6

### **Volume II/14: Molecular Constants Mostly from Microwave, Molecular Beam and Electron Resonance Spectroscopy**

(Supplement to volumes II/4 and II/6)

Editors: K.-H. Hellwege, A.M. Hellwege

#### **Subvolume a: Diamagnetic Molecules**

Authors: J. Demaison, A. Dubrulle, W. Hüttner, E. Tiemann

1982. 196 figs., XI, 788 pages. ISBN 3-540-11365-7

### **Volume II/14: Molecular Constants Mostly from Microwave, Molecular Beam and Electron Resonance Spectroscopy**

(Supplement to volumes II/4 and II/6)

Editors: K.-H. Hellwege, A.M. Hellwege

#### **Subvolume b: Radicals, Diatomic Molecules and Substance Index**

Authors: J.M. Brown, J. Demaison, A. Dubrulle, W. Hüttner, E. Tiemann

1983. 196 figs., IX, 373 pages. ISBN 3-540-11857-8

### **Volume II/19: Molecular Constants Mostly from Microwave, Molecular Beam, and Sub-Doppler Laser Spectroscopy**

(Supplement to volumes II/4, II/6 and II/14)

Editor: W. Hüttner

#### **Subvolume a: Rotational, l-type, Centrifugal Distortion and Related Constants of Diamagnetic Diatomic, Linear, and Symmetric Top Molecules**

Authors: J. Demaison, W. Hüttner, E. Tiemann, G. Wlodarczak

1992. XI, 143 pages. ISBN 3-540-54409-7

### **Volume II/19: Molecular Constants Mostly from Microwave, Molecular Beam, and Sub-Doppler Laser Spectroscopy**

(Supplement to volumes II/4, II/6 and II/14)

Editor: W. Hüttner

#### **Subvolume b: Rotational, Centrifugal Distortion and Related Constants of Diamagnetic Asymmetric Top Molecules**

Authors: J. Demaison, W. Hüttner, J. Vogt, G. Wlodarczak,

1992. XI, 488 pages. ISBN 3-540-54578-6

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**Volume II/19: Molecular Constants Mostly from Microwave, Molecular Beam, and Sub-Doppler Laser Spectroscopy**

(Supplement to volumes II/4, II/6 and II/14)

Editor: W. Hüttner

**Subvolume c: Dipole Moments, Quadrupole Coupling Constants, Hindered Rotation and Magnetic Constants of Diamagnetic Molecules**

Authors: J. Demaison, W. Hüttner, E. Tiemann, J. Vogt, G. Wlodarczyk

1992. 8 figs., XI, 295 pages. ISBN 3-540-54893-9

**Volume II/19: Molecular Constants Mostly from Microwave, Molecular Beam, and Sub-Doppler Laser Spectroscopy**

(Supplement to volumes II/4, II/6 and II/14)

Editor: W. Hüttner

**Subvolume d1: Diatomic Radicals and Ions**

Author: E. Tiemann

1995. VIII, 208 pages. ISBN 3-540-55462-9

**Volume II/19: Molecular Constants Mostly from Microwave, Molecular Beam, and Sub-Doppler Laser Spectroscopy**

(Supplement to volumes II/4, II/6, and II/14)

Editor: W. Hüttner

**Subvolume d2: Polyatomic Radicals and Ions**

Author: J.M. Brown

1995. VIII, 355 pages. ISBN 3-540-58210-X

**Volume III/38: Optical Constants**

Editors: M.D. Lechner

**Subvolume a: Refractive Indices of Inorganic, Organometallic, and Organononmetallic Liquids and Binary Liquid Mixtures**

Authors: Ch. Wohlfarth, B. Wohlfarth

1996. VII, 400 pages. ISBN 3-540-60539-8

**Volume III/38: Optical Constants**

Editors: M.D. Lechner

**Subvolume b: Refractive Indices of Organic Liquids**

Authors: Ch. Wohlfarth, B. Wohlfarth

1996. VII, 421 pages. ISBN 3-540-60596-7

**Volume IV/6: Static Dielectric Constants of Pure Liquids and Binary Liquid Mixtures**

Editor: O. Madelung

Author: Ch. Wohlfarth

1991. VIII, 521 pages. ISBN 3-540-54417-8

**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume a: Transition Temperatures and Related Properties of One-Ring Systems and Two-Ring Systems without Bridging Groups**

Author: V. Vill

1992. 10 figs., VIII, 268 pages. ISBN 3-540-55503-X



**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume b: Transition Temperatures and Related Properties of Two-Ring Systems with Bridging Group**

Author: V. Vill

1992. 10 figs., VIII, 653 pages. ISBN 3-540-55504-8

**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume c: Transition Temperatures and Related Properties of Three-Ring Systems without Bridging Groups**

Author: V. Vill

1993. 10 figs., VIII, 228 pages. ISBN 3-540-56136-6

**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume d: Transition Temperatures and Related Properties of Three Ring Systems with One Bridging Group**

Author: V. Vill

1994. VIII, 527 pages. ISBN 3-540-56757-7

**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume e: Transition Temperatures and Related Properties of Three Ring Systems with Two Bridging Groups**

Author: V. Vill

1995. VIII, 612 pages. ISBN 3-540-56758-5

**Volume IV/7: Liquid Crystals**

Editor: J. Thiem

**Subvolume f: Transition Temperatures and Related Properties of Four Ring Systems, Five Ring Systems, and More than Five Rings**

Author: V. Vill

1995. VIII, 589 pages. ISBN 3-540-58853-1

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.N. Marsh

**Subvolume a: Enthalpies of Fusion and Transition of Organic Compounds**

Authors: Z.-Y. Zhang, M. Frenkel, K.N. Marsh, R.C. Wilhoit

1995. VIII, 588 pages. ISBN 3-540-58854-X

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.N. Marsh

**Subvolume b: Densities of Aliphatic Hydrocarbons: Alkanes**

Authors: R.C. Wilhoit, K.N. Marsh, X. Hong, N. Gadalla, M. Frenkel

1996. 119 figs., X, 410 pages. ISBN 3-540-61029-4

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.N. Marsh

**Subvolume c: Densities of Aliphatic Hydrocarbons: Alkenes, Alkadienes, Alkynes, and Miscellaneous Compounds**

Authors: R.C. Wilhoit, K.N. Marsh, X. Hong, N. Gadalla, M. Frenkel

1996. 78 figs., X, 381 pages. ISBN 3-540-61554-7

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.R. Hall, K.N.Marsh

**Subvolume d: Densities of Monocyclic Hydrocarbons**

Authors: R.C. Wilhoit, X. Hong, M. Frenkel, K.R. Hall

1997. 117 figs., XIV, 466 pages. ISBN 3-540-62509-7

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.R. Hall, K.N.Marsh

**Subvolume e: Densities of Aromatic Hydrocarbons**

Authors: R.C. Wilhoit, X. Hong, M. Frenkel, K.R. Hall

1998. X, 373 pages. ISBN 3-540-62510-0

**Volume IV/8: Thermodynamic Properties of Organic Compounds and their Mixtures**

Editor: K.R. Hall, K.N.Marsh

**Subvolume f: Densities of Polycyclic Hydrocarbons**

Authors: R.C. Wilhoit, X. Hong, M. Frenkel, K.R. Hall

1999. XI, 538 pages, ISBN 3-540-65162-4

**Volume IV/16: Surface tension of pure liquids and binary mixtures**

Editor: M.D. Lechner

Authors: Ch. Wohlfarth, B. Wohlfarth

1997. VII, 439 pages. ISBN 3-540-63276-X

**Volume IV/20: Vapor Pressure of Chemicals**

Editor: K.R. Hall

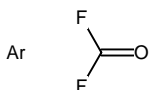
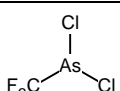
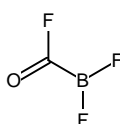
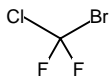
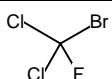


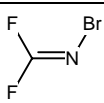
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
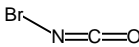
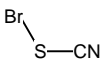
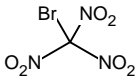

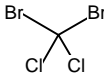
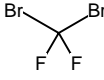
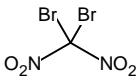



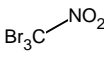
Authors: J. Dykyj, J. Svoboda, R. C. Wilhoit, M. Frenkel, K. R. Hall

1999. VIII, 373 pages. ISBN 3-540-64735-X

## Data

## 2 Tabulated index sorted by molecular formula and chemical structures

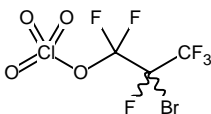
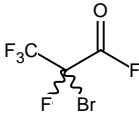

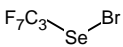
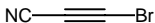
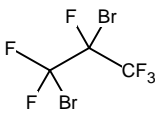
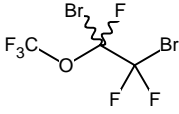
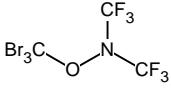
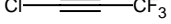
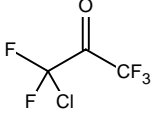
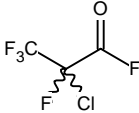
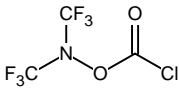

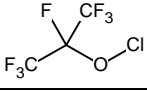
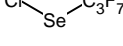
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2	CArF <sub>2</sub> O 105.96	Ar  see also: <b>85(S)</b>	argon-carbonyl fluoride (1/1)	II/19b 2.5.2:20
3	CArOS 100.02	Ar S=C=O see also: <b>394(S)</b>	argon-carbonyl sulfide (1/1)	II/14a 2.5.2:756; II/14a 2.6.3.2:364; II/19b 2.5.2:21; II/19c 2.9.3.2:3
4	CArO <sub>2</sub> 83.96	Ar O=C=O see also: <b>396(S)</b>	argon-carbon dioxide (1/1)	II/14a 2.5.2:755; II/14a 2.6.3.2:363; II/19b 2.5.2:22
5	CAsCl <sub>2</sub> F <sub>3</sub> 214.83 421-32-9		dichloro(trifluoromethyl)arsine	III/38a 2.1.3:192; IV/20a 4.1:98
6	CB 22.82 12011-54-0	C---B	boron carbide	II/19d1 3.1.4.3:5
7	CBF <sub>3</sub> O 95.82 51006-66-7		carbonyltrifluoroborane	II/14a 2.4.2:52; II/14a 2.6.2.2:55; II/14a 2.7.2.2:8
8	CBrClF <sub>2</sub> 165.37 353-59-3		bromochlorodifluoromethane; chlorobromodifluoromethane; freon 12b1	IV/6 2.1.3:85; IV/16 2.1.7:382; IV/20a 4.1:99
9	CBrCl <sub>2</sub> F 181.82 353-58-2		bromodichlorofluoromethane	IV/20a 4.1:100
10	CBrCl <sub>3</sub> 198.28 75-62-7		bromotrichloromethane	III/38b 2.1:896; IV/6 2.1.3:95; IV/8a 3.5.1,p.29; IV/20a 4.1:101
11	CBrFO 126.92 753-56-0		carbonic bromide fluoride; carbonyl bromide fluoride	IV/20a 4.1:102
12	CBrF <sub>2</sub> N 143.92 90624-74-1		N-bromodifluoromethanimine	II/19b 2.5.2:22a; II/19c 2.7.4.2:11a

13	CBrF <sub>3</sub> 148.91 75-63-8		bromotrifluoromethane; freon 13b1; trifluorobromomethane	II/4 2.4:21; II/4 2.7:57; II/14a 2.4.2:20; II/14a 2.6.2.2:41; II/14a 2.7.2.2:50; II/19a 2.4.2:14; II/19c 2.7.3.2:9; III/38b 2.1:897; IV/6 2.1.3:89; IV/16 2.1.7:383; IV/20a 4.1:103
14	CBrN 105.93 506-68-3	NC—Br	cyanogen bromide	II/4 2.3:8; II/4 2.7:54; II/6 2.9.2:6a; II/14a 2.3.2:7; II/19a 2.3.2:9; II/19c 2.7.2.2:6; II/19c 2.9.2.2:5; IV/20a 4.1:104
15	CBrNO 121.93 3644-72-2		bromine isocyanate	II/19b 2.5.2:23; II/19c 2.7.4.2:12
16	CBrNS 137.99 29284-59-1		bromine thiocyanate	II/19b 2.5.2:24; II/19c 2.7.4.2:13
17	CBrN <sub>3</sub> O <sub>6</sub> 229.94 560-95-2		bromotrinitromethane	III/38b 2.1:898; IV/20a 4.1:105
18	CBr <sub>2</sub> ClF 226.28 353-55-9		dibromochlorofluoromethane	III/38b 2.1:899; IV/20a 4.1:106
19	CBr <sub>2</sub> Cl <sub>2</sub> 242.74 594-18-3		dibromodichloromethane	III/38b 2.1:900; IV/6 2.1.3:92; IV/20a 4.1:107
20	CBr <sub>2</sub> F <sub>2</sub> 209.83 75-61-6		dibromodifluoromethane; difluoro-dibromo-methane; freon 12-b2	III/38b 2.1:901; IV/6 2.1.3:87; IV/16 2.1.7:384; IV/20a 4.1:108
21	CBr <sub>2</sub> N <sub>2</sub> O <sub>4</sub> 263.84 2973-00-4		dibromo-dinitro-methane	III/38b 2.1:902
22	CBr <sub>2</sub> O 187.83 593-95-3		carbonyl dibromide	II/14a 2.5.2:127; II/14a 2.7.3.2:150
23	CBr <sub>3</sub> Cl 287.19 594-15-0		tribromochloromethane	IV/6 2.1.3:91; IV/20a 4.1:109
24	CBr <sub>3</sub> F 270.74 353-54-8		tribromofluoromethane	III/38b 2.1:903; IV/6 2.1.3:84; IV/20a 4.1:110
25	CBr <sub>3</sub> NO <sub>2</sub> 297.74 464-10-8		tribromonitromethane	III/38b 2.1:904; IV/6 2.1.3:98

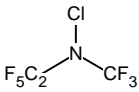
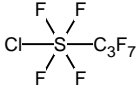
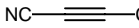
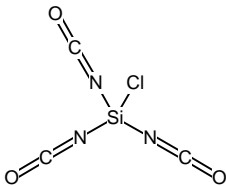
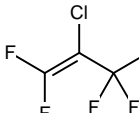
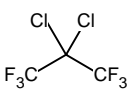
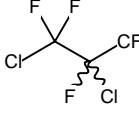
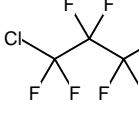
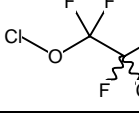
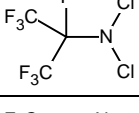
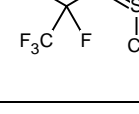
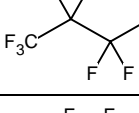
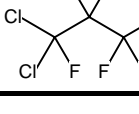
404	CSe <sub>2</sub> 169.93 506-80-9	Se=C=Se	carbon diselenide	IV/8a 3.5.1,p.31; IV/16 2.1.1:28; IV/20a 3.3:10
405	CSi 40.10 409-21-2	C---Si	silicon carbide	II/19d1 3.1.6.2:3
406	CV 62.95 12070-10-9	C---V	vanadium carbide	II/19d1 3.1.8.3:2; II/19d2 3.2.1.3:9
407	C <sub>2</sub> 24.02 12595-79-8	C≡C <sup>+</sup>	dicarbon (1+)ion	II/19d1 3.1.4.3:7
408	C <sub>2</sub> AsClF <sub>6</sub> 248.39 359-53-5		chlorobis(trifluoromethyl)arsine	IV/20a 4.2:243
409	C <sub>2</sub> AsF <sub>6</sub> I 339.84 359-55-7		iodo-bis-trifluoromethyl-arsine	III/38a 2.1.3:194
410	C <sub>2</sub> BF <sub>3</sub> N <sub>2</sub> 119.84	NC—CN	dicyan-trifluoroborane (1/1)	II/19a 2.4.2:38
		see also: <b>1063(S)</b>		
411	C <sub>2</sub> BrCl 139.38 25604-70-0	Br—≡—Cl	bromochloroethyne	II/6 2.3:21; II/6 2.6.2:7; II/6 2.7.2:34
412	C <sub>2</sub> BrCl <sub>2</sub> F <sub>3</sub> O <sub>4</sub> 295.83		1,2,2-trifluoro-1-chloro-2-bromoethyl perchlorate	IV/20a 4.2:244
413	C <sub>2</sub> BrCl <sub>3</sub> O 226.29 34069-94-8		trichloroacetyl bromide	IV/20a 4.2:245
414	C <sub>2</sub> BrCl <sub>5</sub> 281.20 79504-02-2	Br—C <sub>2</sub> Cl <sub>5</sub>	bromopentachloroethane; ethane, bromopentachloro-	IV/20a 4.2:246
415	C <sub>2</sub> BrF 122.93 85352-03-0	F—≡—Br	bromofluoroethyne	II/19a 2.3.2:33; II/19c 2.6.2.2:10; II/19c 2.7.2.2:22
416	C <sub>2</sub> BrF <sub>3</sub> 160.93 598-73-2		1-bromo-1,2,2-trifluoroethylene; bromotrifluoroethene; trifluorovinyl bromide	IV/20a 4.2:247
417	C <sub>2</sub> BrF <sub>5</sub> 198.92 354-55-2	Br—C <sub>2</sub> F <sub>5</sub>	1-bromo-1,1,2,2,2-pentafluoro-ethane; pentafluoroethyl bromide; perfluoroethyl bromide	III/38b 2.1:965; IV/20a 4.2:248
418	C <sub>2</sub> BrF <sub>5</sub> Se 277.88 6123-59-7	F <sub>5</sub> C <sub>2</sub> —Se—Br	(pentafluoroethane)selenenylbromide; (pentafluoroethane) selenyl bromide	IV/20a 3.3:12; IV/20a 4.2:249

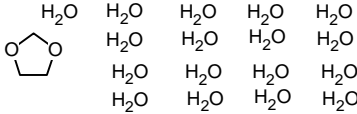
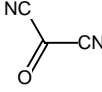
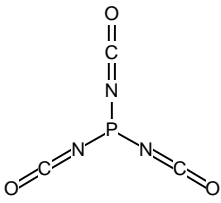
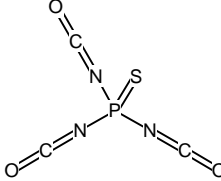
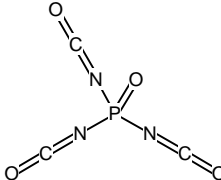
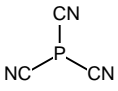
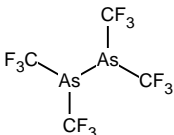
419	C <sub>2</sub> BrF <sub>9</sub> S 306.98 63011-81-4		(1-bromo-1,2,2,2-tetrafluoroethyl)pentafluorosulfur; ethane, 2-bromo-1,1,1,2-tetrafluoro-, sulfur complex	IV/20a 3.1:77; IV/20a 4.2:250
420	C <sub>2</sub> Br <sub>2</sub> ClF <sub>3</sub> 276.29 754-17-6		1,1-dibromo-1-chloro-2,2,2-trifluoroethane	III/38b 2.1:966
421	C <sub>2</sub> Br <sub>2</sub> ClF <sub>3</sub> 276.29 354-51-8		1,2-dibromochlorotrifluoroethane; 1,2-dibromotrifluorochloroethane; freon 113b2	III/38b 2.1:967; IV/16 2.1.7:415; IV/20a 4.2:251
422	C <sub>2</sub> Br <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> 292.74 421-69-2		1,2-dibromo-1,2-dichloro-1,2-difluoroethane; 1,2-dibromo-1,2-dichlorodifluoroethane; ethane, 1,2-dibromo-1,2-dichloro-1,2-difluoro-	IV/20a 4.2:253
423	C <sub>2</sub> Br <sub>2</sub> Cl <sub>2</sub> F <sub>2</sub> 292.74 558-57-6		1,2-dibromo-1,1-dichloro-2,2-difluoroethane; 1,2-dibromo-1,1-dichlorodifluoroethane; 1,1-dichloro-1,2-dibromodifluoroethane	IV/20a 4.2:252
424	C <sub>2</sub> Br <sub>2</sub> Cl <sub>4</sub> 325.65 630-25-1		1,2-dibromo-1,1,2,2-tetrachloroethane; 1,2-dibromotetrachloroethane; <i>sym</i> -dibromotetrachloroethane	IV/20a 4.2:254
425	C <sub>2</sub> Br <sub>2</sub> F <sub>4</sub> 259.83 124-73-2		1,2-dibromoperfluoroethane; 1,2-dibromotetrafluoroethane; fluobrene; freon 114B2; halon 114b2	III/38b 2.1:969; IV/6 2.1.3:125; IV/8a 3.5.1,p.38; IV/16 2.1.7:416; IV/20a 4.2:255
426	C <sub>2</sub> Br <sub>2</sub> F <sub>4</sub> 259.83 27336-23-8		1,1-dibromo-1,2,2,2-tetrafluoroethane	III/38b 2.1:968
427	C <sub>2</sub> Br <sub>3</sub> F <sub>3</sub> 320.74 354-49-4		1,1,2-tribromo-1,2,2-trifluoroethane	III/38b 2.1:970
428	C <sub>2</sub> Br <sub>3</sub> F <sub>3</sub> 320.74 354-48-3		ethane, 1,1,1-tribromo-2,2,2-trifluoro-; 1,1,1-tribromo-2,2,2-trifluoroethane; 1,1,1-tribromotrifluoroethane	IV/20a 4.2:256
429	C <sub>2</sub> Br <sub>4</sub> 343.66 79-28-7		1,1,2,2-tetrabromoethene; tetrabromoethene; tetrabromoethylene	III/38b 2.1:971; IV/20a 4.2:257
430	C <sub>2</sub> ClF 78.47 27794-53-2		chlorofluoroethyne	II/14a 2.6.2.2:16a; II/14a 2.7.2.2:23a; II/14b 5.2.3:27a
431	C <sub>2</sub> ClFN <sub>2</sub> 106.49 30915-40-3		acetonitrile, chloro(fluoroimino)-, (Z)-; carbonocyanidimidic chloride, fluoro-, (Z)-; <i>cis</i> -chloro(fluoroimino)acetonitrile	IV/20a 4.2:269
432	C <sub>2</sub> ClFN <sub>2</sub> 106.49 30915-39-0		acetonitrile, chloro(fluoroimino)-, (E)-; carbonocyanidimidic chloride, fluoro-, (E)-; <i>trans</i> -chloro(fluoroimino)acetonitrile	IV/20a 4.2:270

1060	C <sub>2</sub> N 38.03 78271-45-1	C•≡N <sup>+</sup> =C•	isocyanomethylidyne (1+)ion	II/19a 2.3.2:48
1061	C <sub>2</sub> N 38.03 76619-90-4	NC—C <sup>+</sup> :	cyanomethylidyne (1+)ion	II/19a 2.3.2:47
1062	C <sub>2</sub> NP 69.00 74896-22-3	NC≡P	(cyanomethylidyne)phosphine	II/14a 2.3.2:15; II/14a 2.6.2.2:10
1063	C <sub>2</sub> N <sub>2</sub> 52.04 460-19-5	NC—CN see also: 410(M), 591(M)	cyanogen; ethanedinitrile; oxalic acid dinitrile; oxalyl cyanide	IV/8a 3.5.1,p.40
1064	C <sub>2</sub> N <sub>2</sub> 52.04 83951-85-3	C≡N <sup>+</sup> —N <sup>+</sup> ≡C <sup>-</sup>	isocyanogen	II/19a 2.3.2:49; II/19c 2.9.2.2:21
1065	C <sub>2</sub> N <sub>2</sub> O 68.04 22430-66-6		cyanogen isocyanate	II/14a 2.5.2:9; II/14a 2.6.3.2:5
1066	C <sub>2</sub> N <sub>2</sub> S 84.10 627-52-1		sulfur dicyanide	II/4 2.5:24; II/4 2.6:100; II/4 2.7:87a; II/19b 2.5.2:224
1067	C <sub>2</sub> N <sub>2</sub> S 84.10 56023-03-1		cyanogen isothiocyanate	II/14a 2.5.2:10; II/19b 2.5.2:225; II/19c 2.6.4.2:93a
1068	C <sub>2</sub> N <sub>6</sub> O <sub>12</sub> 300.05 918-37-6		hexanitroethane	IV/8a 3.5.1,p.40
1069	C <sub>2</sub> O 40.02 119754-08-4	C≡—O	dicarbon monoxide	II/19d2 3.2.1.2:7
1070	C <sub>2</sub> O <sub>2</sub> 56.02	O≡C—C≡O	carbon monoxide dimer	II/14a 2.5.2:763
1071	C <sub>2</sub> O <sub>3</sub> 72.02	O <sup>+</sup> ≡C <sup>-</sup> O=C=O see also: 393(S), 396(S)	carbon monoxide-carbon dioxide (1/1)	II/19b 2.5.2:226
1072	C <sub>2</sub> O <sub>3</sub> S 104.08	O=C=S O=C=O see also: 394(S), 396(S)	carbonyl sulfide-carbon dioxide (1/1)	II/19b 2.5.2:227; II/19c 2.6.4.2:94
1073	C <sub>2</sub> S 56.09 109545-32-6	C≡—S	dicarbon monosulfide	II/19d2 3.2.1.2:8
1074	C <sub>2</sub> Si 52.11 108549-59-3		silacycloprop-2-yn-1-ylidene	II/19b 2.5.2:228; II/19c 2.6.4.2:95
1075	C <sub>3</sub> AsF <sub>9</sub> 281.94 432-02-0		tris(trifluoromethyl)arsine	IV/20a 4.3:522
1076	C <sub>3</sub> BF <sub>9</sub> S <sub>3</sub> 314.02 36884-78-3		tris(trifluoromethylthio)borane(3)	IV/20a 3.1:165; IV/20a 4.3:523

1077	C <sub>3</sub> BrClF <sub>6</sub> O <sub>4</sub> 329.38 38126-26-0		1,1,2,3,3,3-hexafluoro-2-bromopropyl perchlorate	IV/20a 4.3:524
1078	C <sub>3</sub> BrF <sub>5</sub> O 226.93 6129-62-0		2,3,3,3-tetrafluoro-2-bromopropionyl fluoride	IV/20a 4.3:525
1079	C <sub>3</sub> BrF <sub>7</sub> 248.93 422-85-5		1-bromo-heptafluoro-propane	III/38b 2.1:1172
1080	C <sub>3</sub> BrF <sub>7</sub> Se 327.89 662-44-2		heptafluoro-1-propane selenyl bromide; 1,1,2,2,3,3,3-heptafluoro-1-propaneselenenyl bromide	IV/20a 3.3:16
1081	C <sub>3</sub> BrN 129.95 3114-46-3		3-bromo-2-propynenitrile	II/14a 2.3.2:29; II/14a 2.7.2.2:45
1082	C <sub>3</sub> Br <sub>2</sub> F <sub>6</sub> 309.84 661-95-0		1,2-dibromo-1,1,2,3,3,3-hexafluoro-propane	IV/16 2.1.7:496
1083	C <sub>3</sub> Br <sub>2</sub> F <sub>6</sub> O 325.84 2356-57-2		(trifluoromethyl)(1,2,2-trifluoro-1,2-dibromoethyl)ether	IV/20a 4.3:526
1084	C <sub>3</sub> Br <sub>3</sub> F <sub>6</sub> NO 419.76 29528-78-7		1,1,1,1',1',1'-hexafluoro-N-(tribromomethoxy)-dimethylamine	IV/20a 4.3:527
1085	C <sub>3</sub> ClF <sub>3</sub> 128.48 38014-42-5		1-chloro-3,3,3-trifluoropropyne	II/6 2.4:46b; II/6 2.6.2:27b; II/6 2.7.2:27a
1086	C <sub>3</sub> ClF <sub>5</sub> O 182.48 79-53-8		1-chloro-1,1,3,3,3-pentafluoro-2-propanone; α-chloroperfluoroacetone; 1,1,1,3,3-pentafluoro-3-chloroacetone	IV/20a 4.3:528
1087	C <sub>3</sub> ClF <sub>5</sub> O 182.48 28627-00-1		chloro-2,3,3,3-tetrafluoropropanoyl fluoride; chloroperfluoropropionyl fluoride; propionyl fluoride, 2-chloro-2,3,3,3-tetrafluoro-	IV/20a 4.3:529
1088	C <sub>3</sub> ClF <sub>6</sub> NO <sub>2</sub> 231.48 15496-01-2		o-(chloroformyl)-N,N-bis(trifluoromethyl)hydroxylamine	IV/20a 4.3:530
1089	C <sub>3</sub> ClF <sub>7</sub> 204.48 422-86-6		1-chloro-heptafluoro-propane	III/38b 2.1:1173
1090	C <sub>3</sub> ClF <sub>7</sub> O 220.48 22675-68-9		heptafluoroisopropyl hypochlorite	IV/20a 4.3:531
1091	C <sub>3</sub> ClF <sub>7</sub> Se 283.43 662-46-4		heptafluoro-1-propane selenyl chloride; 1,1,2,2,3,3,3-heptafluoro-1-propaneselenenyl chloride	IV/20a 3.3:17

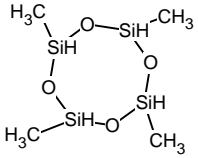



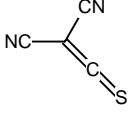
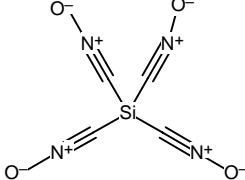
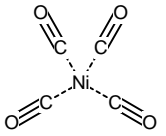
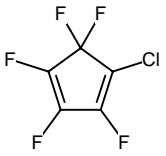


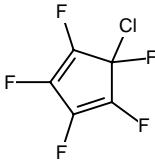
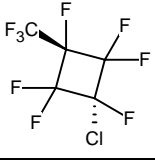
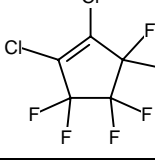
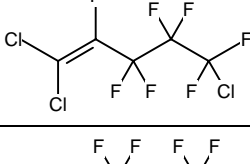
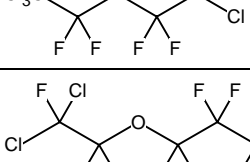
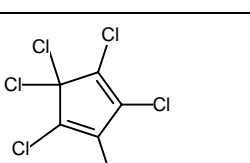
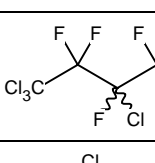
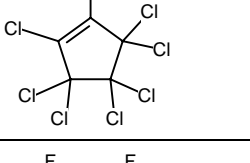
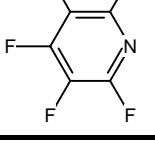
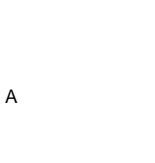
1092	C <sub>3</sub> ClF <sub>8</sub> N 237.48 33757-13-0		N-chloro-N,1,2,2,2-pentafluoro-1-(trifluoromethyl)ethylamine	IV/20a 4.3:532
1093	C <sub>3</sub> ClF <sub>11</sub> S 312.53 42769-86-8		chlorotetrafluoro(heptafluoropropyl) sulfur	IV/20a 3.1:166
1094	C <sub>3</sub> ClN 85.49 2003-31-8		3-chloro-2-propynenitrile	II/14a 2.3.2:28; II/14a 2.6.2.2:17; II/14a 2.7.2.2:24
1095	C <sub>3</sub> ClN <sub>3</sub> O <sub>3</sub> Si 189.59 18622-86-1		chloro-triisocyanato-silane	III/38a 2.1.5:283
1096	C <sub>3</sub> Cl <sub>2</sub> F <sub>4</sub> 182.93 684-04-8		2,3-dichloro-tetrafluoro-propene	III/38b 2.1:1174
1097	C <sub>3</sub> Cl <sub>2</sub> F <sub>6</sub> 220.93 1652-80-8		2,2-dichloro-hexafluoro-propane	III/38b 2.1:1177
1098	C <sub>3</sub> Cl <sub>2</sub> F <sub>6</sub> 220.93 661-97-2		1,2-dichloro-1,1,2,3,3,3-hexafluoropropane; 1,2-dichloroperfluoropropane; freon 216; ucon 216	III/38b 2.1:1175; IV/16 2.1.7:497; IV/20a 4.3:533
1099	C <sub>3</sub> Cl <sub>2</sub> F <sub>6</sub> 220.93 662-01-1		1,3-dichloro-hexafluoro-propane	III/38b 2.1:1176
1100	C <sub>3</sub> Cl <sub>2</sub> F <sub>6</sub> O 236.93 22675-69-0		1,1,2,3,3,3-hexafluoro-2-chloropropyl perchlorate	IV/20a 4.3:534
1101	C <sub>3</sub> Cl <sub>2</sub> F <sub>7</sub> N 253.93 32751-04-5		N,N-dichloro-1,1,1,2,3,3,3-heptafluoro-2-propanamine; N,N-dichloro-1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethylamine	IV/20a 4.3:535
1102	C <sub>3</sub> Cl <sub>2</sub> F <sub>7</sub> NS 286.00 26454-66-0		S,S-dichloro-N-[tetrafluoro-1-(trifluoromethyl)ethylsulfilimine]; tetrafluoro-1-(trifluoromethyl)ethyl]imidosulfurous dichloride	IV/20a 3.1:167; IV/20a 4.3:536
1103	C <sub>3</sub> Cl <sub>3</sub> F <sub>5</sub> 237.38 1599-41-3		1,2,2-trichloro-1,1,3,3,3-pentafluoro-propane	III/38b 2.1:1179
1104	C <sub>3</sub> Cl <sub>3</sub> F <sub>5</sub> 237.38 1652-81-9		1,1,3-trichloro-1,2,2,3,3-pentafluoro-propane	III/38b 2.1:1178

1798	C <sub>3</sub> H <sub>40</sub> O <sub>19</sub> 380.34 34776-95-9	 <p>see also: <b>1601(S)</b></p>	1,3-dioxolane clathrate hydrate	IV/8a 3.5.1,p.69
1799	C <sub>3</sub> IN 176.94 2003-32-9	NC—C≡C—I	3-iodo-2-propynenitrile	II/14a 2.3.2:30; II/14a 2.7.2.2:57
1800	C <sub>3</sub> N 50.04 62435-43-2	NC—C≡C	cianoethynyl	II/14b 4.2.1.2:2; II/19d2 3.2.1.2:6
1801	C <sub>3</sub> N <sub>2</sub> O 80.05 1115-12-4		carbonyl cyanide; 2-oxo-malononitrile	II/6 2.5:68; II/6 2.6.3:30; II/6 2.7.3:19; III/38b 2.1:1194
1802	C <sub>3</sub> N <sub>3</sub> O <sub>3</sub> P 157.03 1782-09-8		phosphorus triisocyanate; triisocyanato-phosphine	III/38a 2.1.6:775; IV/6 2.1.3:201
1803	C <sub>3</sub> N <sub>3</sub> O <sub>3</sub> PS 189.09 17382-94-4		phosphorus triisocyanate sulfide; triisocyanato-phosphine sulfide	III/38a 2.1.6:776; IV/6 2.1.3:202
1804	C <sub>3</sub> N <sub>3</sub> O <sub>4</sub> P 173.02 1858-24-8		phosphorus triisocyanate oxide; triisocyanato-phosphine oxide	III/38a 2.1.6:777; IV/6 2.1.3:203
1805	C <sub>3</sub> N <sub>3</sub> P 109.03 1116-01-4		tricyanophosphine	II/4 2.4:97
1806	C <sub>3</sub> OS 84.10 2219-62-7	O=C=C=C=S	1,2-propadien-1-one-3-thione	II/14a 2.3.2:16; II/14a 2.6.2.2:11; II/14b 5.2.3:16; II/19a 2.3.2:55; II/19c 2.6.2.2:18
1807	C <sub>3</sub> O <sub>2</sub> 68.03 504-64-3	O=C=C=C=O	carbon suboxide (1,3-dioxo-allene); 1,2-propadiene-1,3-dione	II/14a 2.3.2:14; II/19a 2.3.2:56; III/38a 2.1.1:23
1808	C <sub>3</sub> S <sub>2</sub> 100.16 627-34-9	S=C=C=C=S	carbon subsulfide; 1,2-propadiene-1,3-dithione	IV/20a 3.1:214
1809	C <sub>4</sub> As <sub>2</sub> F <sub>12</sub> 425.87 360-56-5		tetrakis-trifluoromethyl-diarsane	III/38a 2.1.3:200

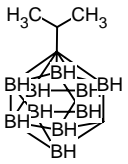
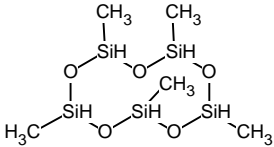
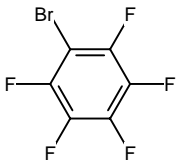
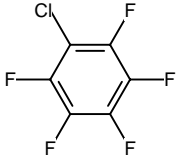
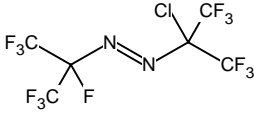
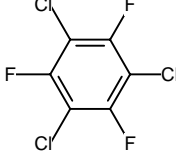
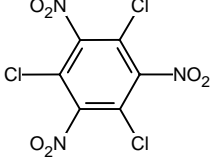
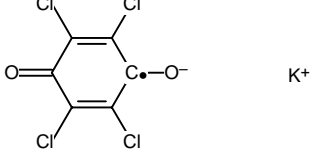
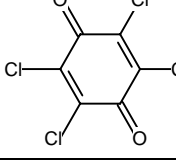
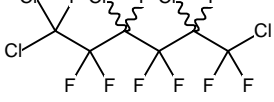
1810	C <sub>4</sub> BrCl <sub>2</sub> F <sub>8</sub> N 364.85 4905-98-0		2-bromo-1,2-dichloro-1,2-difluoro-N,N-bis(trifluoro-methyl)ethylamine	IV/20a 4.3:691
1811	C <sub>4</sub> BrF <sub>8</sub> N 293.95 17725-57-4		vinylamine-1-bromo-2,2-difluoro-N,N-bis(trifluoromethyl)	IV/20a 4.3:692
1812	C <sub>4</sub> Br <sub>2</sub> F <sub>8</sub> 359.85 335-48-8		butane, 1,4-dibromo-1,1,2,2,3,3,4,4-octafluoro-; 1,4-dibromo-octafluorobutane; 1,4-dibromoperfluorobutane	IV/16 2.1.7:579; IV/20a 4.3:693
1813	C <sub>4</sub> Br <sub>2</sub> F <sub>9</sub> N 392.86 17725-58-5		methanamine-1,2-dibromo-1,2,2-trifluoro-N,N-bis(trifluoromethyl)	IV/20a 4.3:694
1814	C <sub>4</sub> ClF <sub>6</sub> P 228.46 2107-11-1		bis-(trifluoro-ethenyl)-chloro-phosphine	III/38a 2.1.6:783
1815	C <sub>4</sub> ClF <sub>8</sub> N 249.49 15511-13-4		vinylamine-2-chloro-1,2-difluoro-N,N-bis(trifluoromethyl)	IV/20a 4.3:696
1816	C <sub>4</sub> ClF <sub>8</sub> N 249.49 13747-22-3		N,N-bis(trifluoromethyl)-2-chloro-1,2-difluorovinylamine	IV/20a 4.3:695
1817	C <sub>4</sub> ClF <sub>9</sub> S 286.55 42769-81-3		1,1,2,2,3,3,4,4,4-nonafluorobutane sulfonyl chloride	IV/20a 3.1:215
1818	C <sub>4</sub> ClF <sub>13</sub> S 362.54 42769-87-9		chlorotetrafluoro(nonafluorobutyl) sulfur	IV/20a 3.1:216
1819	C <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> 232.94 2418-21-5		<i>trans</i> -2,3-dichloro-1,1,1,4,4,4-hexafluorobutene; 2,3-dichlorohexafluoro- <i>trans</i> -2-butene	IV/20a 4.3:699
1820	C <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> 232.94 2418-22-6		<i>cis</i> -2,3-dichloro-1,1,1,4,4,4-hexafluorobutene; 2,3-dichlorohexafluoro- <i>cis</i> -2-butene	IV/20a 4.3:698
1821	C <sub>4</sub> Cl <sub>2</sub> F <sub>6</sub> 232.94 20972-44-5		2-butene, 1,4-dichloro-1,1,2,3,4,4-hexafluoro-; 1,4-dichloro-1,1,2,3,4,4-hexafluoro-2-butene	IV/20a 4.3:697

1822	C <sub>4</sub> Cl <sub>2</sub> F <sub>8</sub> 270.94 355-23-7		1,1-dichloro-octafluoro-butane	III/38b 2.1:1534
1823	C <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub> 150.95 2892-63-9		1,2-dichlorocyclobutene-3,4-dione	II/19b 2.5.2:350
1824	C <sub>4</sub> Cl <sub>3</sub> F <sub>7</sub> 287.39 335-44-4		butane, 2,2,3-trichloro-1,1,1,3,4,4,4-heptafluoro-; 2,2,3-trichloroheptafluorobutane	IV/20a 4.3:700
1825	C <sub>4</sub> Cl <sub>3</sub> F <sub>7</sub> 287.39 335-49-9		1,1,1-trichloro-heptafluoro-butane	III/38b 2.1:1535
1826	C <sub>4</sub> Cl <sub>4</sub> F <sub>4</sub> 265.85 357-19-7		1,2,3,4-tetrachloro-1,2,3,4-tetrafluoro-1-butene	IV/20a 4.3:701
1827	C <sub>4</sub> Cl <sub>4</sub> F <sub>6</sub> 303.85 57504-35-5		1,2,2,4,4,4-hexafluoro-1,1,3,3-tetrachloro-butane	IV/16 2.1.7:580
1828	C <sub>4</sub> Cl <sub>4</sub> F <sub>6</sub> 303.85 423-38-1		1,1,3,4-tetrachloro-hexafluorobutane	III/38b 2.1:1536; IV/6 2.1.3:298
1829	C <sub>4</sub> Cl <sub>4</sub> F <sub>6</sub> O 319.85 61136-57-0		trichloromethyl 2-chloro-1,1,2,3,3,3-hexafluoropropyl ether	IV/20a 4.3:702
1830	C <sub>4</sub> Cl <sub>4</sub> S 221.92 6012-97-1		2,3,4,5-tetrachloro-thiophene	III/38b 2.1:1537
1831	C <sub>4</sub> Cl <sub>5</sub> F <sub>5</sub> 320.30 375-41-7		1,1,1,3,3-pentachloro-2,2,4,4,4-pentafluoro-butane	IV/16 2.1.7:581
1832	C <sub>4</sub> Cl <sub>6</sub> 260.76 87-68-3		hexachloro-1,3-butadiene; 1,1,2,3,4,4-hexachloro-1,3-butadiene; hexachlorobutadiene; perchloro-1,3-butadiene; perchlorobutadiene	III/38b 2.1:1538; IV/6 2.1.3:300; IV/16 2.1.7:582; IV/20a 4.3:703
1833	C <sub>4</sub> Cl <sub>6</sub> O <sub>3</sub> 308.76 4124-31-6		trichloroacetic acid anhydride; trichloroacetic anhydride; trichloroethanoic anhydride	III/38b 2.1:1539; IV/6 2.1.3:301; IV/20a 4.3:704
1834	C <sub>4</sub> Cl <sub>8</sub> F <sub>2</sub> 369.67 1542-11-6		octachloro-1,4-difluoro-butane	III/38b 2.1:1540

<b>2821</b>	C <sub>4</sub> H <sub>16</sub> O <sub>4</sub> Si <sub>4</sub> 240.51 2370-88-9		2,4,6,8-tetramethyl-cyclotetrasiloxane	III/38a 2.1.5:325
<b>2822</b>	C <sub>4</sub> H <sub>40</sub> O <sub>18</sub> 376.35 14306-51-5	 H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O see also: <b>2194(S)</b>	2,5-dihydrofuran clathrate hydrate	IV/8a 3.5.2,p.93
<b>2823</b>	C <sub>4</sub> H <sub>42</sub> O <sub>18</sub> 378.37 18879-05-5	 H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O see also: <b>2477(S)</b>	tetrahydrofuran clathrate hydrate	IV/8a 3.5.2,p.93
<b>2824</b>	C <sub>4</sub> H <sub>42</sub> O <sub>19</sub> 394.37 51105-19-2	 H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O H <sub>2</sub> O see also: <b>2505(S)</b>	1,3-dioxane clathrate hydrate	IV/8a 3.5.2,p.94
<b>2825</b>	C <sub>4</sub> NP 93.03 94951-10-7	P≡C≡C≡CN	4-phosphinidyne-2-butyne nitrile	II/19a 2.3.2:59
<b>2826</b>	C <sub>4</sub> N <sub>2</sub> 76.06 1071-98-3	NC≡C≡CN	2-butyne dinitrile	III/38b 2.1:1546
<b>2827</b>	C <sub>4</sub> N <sub>2</sub> S 108.12 54856-36-9		carbonothioylpropanedinitrile	II/19b 2.5.2:446; II/19c 2.6.4.2:202
<b>2828</b>	C <sub>4</sub> N <sub>4</sub> O <sub>4</sub> Si 196.15 16726-63-9		tetracyano-silane	III/38a 2.1.5:298
<b>2829</b>	C <sub>4</sub> NiO <sub>4</sub> 170.75 13463-39-3		tetracarbonylnickel	II/6 2.9.2:36; III/38a 2.1.1:24; IV/16 2.1.1:29
<b>2830</b>	C <sub>5</sub> ClF <sub>5</sub> 190.50 30221-57-9		1-chloro-2,3,4,5,5-pentafluoro-1,3-cyclopentadiene; chloro-2,3,4,5,5-pentafluorocyclopentadiene	IV/20a 4.4:892

<b>2831</b>	$C_5ClF_5$ 190.50 30221-56-8		5-chloro-1,2,3,4,5-pentafluoro-1,4-cyclopentadiene; chloro-1,2,3,4,5-pentafluorocyclopentadiene	<b>IV/20a 4.4:893</b>
<b>2832</b>	$C_5ClF_9$ 266.49		1-chloro-3-(trifluoromethyl)hexafluorocyclobutane	<b>IV/20a 4.4:894</b>
<b>2833</b>	$C_5Cl_2F_6$ 244.95 706-79-6		1,2-dichloro-3,3,4,4,5,5-hexafluorocyclopentene	<b>III/38b 2.1:2150</b>
<b>2834</b>	$C_5Cl_3F_7$ 299.40 16327-67-6		1,1,5-trichloro-2,3,3,4,4,5,5-heptafluoro-1-pentene	<b>IV/20a 4.4:895</b>
<b>2835</b>	$C_5Cl_4F_8$ 353.86 678-25-1		1,1,1,5-tetrachloro-2,2,3,3,4,4,5,5-octafluoropentane	<b>IV/20a 4.4:896</b>
<b>2836</b>	$C_5Cl_5F_7O$ 386.31 61196-11-0		1,1,2-trifluoro-2,2-dichloroethyl 2,2,3,3-tetrafluoro-1,1,3-tricloroethyl ether	<b>IV/20a 4.4:897</b>
<b>2837</b>	$C_5Cl_6$ 272.77 77-47-4		1,2,3,4,5,5-hexachloro-cyclopenta-1,3-diene	<b>III/38b 2.1:2151</b>
<b>2838</b>	$C_5Cl_6F_6$ 386.76 53281-01-9		1,1,1,3,5,5-hexachloro-2,2,3,4,4,5-hexafluoro-pentane	<b>IV/16 2.1.7:728</b>
<b>2839</b>	$C_5Cl_8$ 343.68 706-78-5		1,2,3,3,4,4,5,5-octachloro-cyclopentene	<b>III/38b 2.1:2152</b>
<b>2840</b>	$C_5F_5N$ 169.05 700-16-3		pentafluoropyridine; perfluoropyridine	<b>II/14a 2.5.2:749;</b> <b>II/14a 2.6.3.2:359;</b> <b>II/14a 2.7.3.2:78;</b> <b>II/19b 2.5.2:467;</b> <b>II/19c 2.7.4.2:164;</b> <b>IV/20a 4.4:898</b>

2841	C <sub>5</sub> F <sub>8</sub> 212.04 21972-01-0		1,1,3,4,4,5,5,5-octafluoro-1,2-pentadiene	IV/20a 4.4:899
2842	C <sub>5</sub> F <sub>9</sub> N 245.05 19451-91-3		2863 3,3,3-trifluoro-N,N-bis(trifluoromethyl)-1-propynylamine	IV/20a 4.4:900
2843	C <sub>5</sub> F <sub>9</sub> NO 261.05 4827-67-2		3,3,4,5,6,6-hexafluoro-3,6-dihydro-2-(trifluoromethyl)-2H-1,2-oxazine; 2H-1,2-oxazine, 3,3,4,5,6,6-hexafluoro-3,6-dihydro-2-(trifluoromethyl)-	IV/20a 4.4:901
2844	C <sub>5</sub> F <sub>10</sub> 250.04 376-87-4		decafluoro-pent-1-ene	III/38b 2.1:2153
2845	C <sub>5</sub> F <sub>10</sub> 250.04 376-77-2		decafluorocyclopentane; perfluorocyclopentane	IV/16 2.1.7:729; IV/20a 4.4:902
2846	C <sub>5</sub> F <sub>10</sub> NP 295.02 35449-90-2		bis(pentafluoroethyl)phosphinocyanide	IV/20a 4.4:903
2847	C <sub>5</sub> F <sub>10</sub> O <sub>2</sub> 282.04 55064-79-4		2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl fluoroformate	IV/20a 4.4:904
2848	C <sub>5</sub> F <sub>10</sub> O <sub>3</sub> 298.04 64957-47-7		carbonfluoridoperoxoic acid, 2,2,2-trifluoro-1,1-bis(trifluoromethyl)-ethyl ester	IV/20a 4.4:905
2849	C <sub>5</sub> F <sub>10</sub> O <sub>6</sub> S <sub>2</sub> 410.16 741-20-8		octafluoro-1,2-cyclopentanediol bis(fluorosulfate); octafluoro-cyclopentanediol bis(fluorosulfate)	IV/20a 3.2:297; IV/20a 4.4:906
2850	C <sub>5</sub> F <sub>11</sub> N 283.05 836-77-1		perfluoropiperidine; undecafluoropiperidine	III/38b 2.1:2154; IV/8a 3.5.2,p.94; IV/20a 4.4:907
2851	C <sub>5</sub> F <sub>12</sub> 288.04 678-26-2	C <sub>5</sub> F <sub>12</sub>	dodecafluoropentane; perfluoropentane	III/38b 2.1:2155; IV/16 2.1.7:730; IV/20a 4.4:909

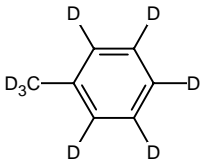
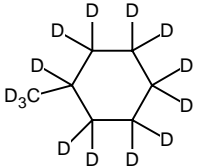
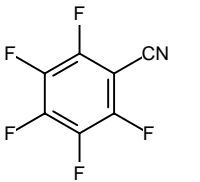
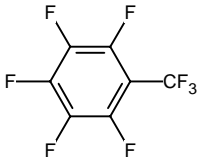
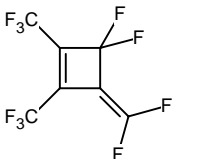
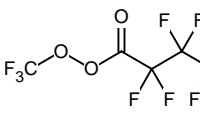
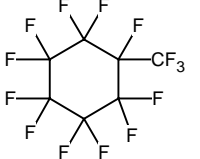
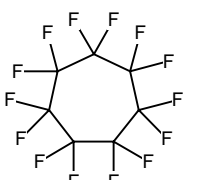
<b>3739</b>	C <sub>5</sub> H <sub>16</sub> B <sub>10</sub> 186.31 50924-45-3		isopropyl carborane	<b>IV/6 2.1.3:573</b>
<b>3740</b>	C <sub>5</sub> H <sub>20</sub> O <sub>5</sub> Si <sub>5</sub> 300.64 6166-86-5		pentamethyl cyclopentasiloxane; 2,4,6,8,10-pentamethyl-cyclopentasiloxane	<b>III/38a 2.1.5:340;</b> <b>IV/6 2.1.3:574</b>
<b>3741</b>	C <sub>6</sub> BrF <sub>5</sub> 246.97 344-04-7		bromopentafluorobenzene; bromoperfluorobenzene; pentafluorobromobenzene; pentafluorophenyl bromide	<b>III/38b 2.1:2765;</b> <b>IV/8a 4.4:1021,</b> <b>1022</b>
<b>3742</b>	C <sub>6</sub> ClF <sub>5</sub> 202.51 344-07-0		1-chloro-2,3,4,5,6-pentafluoro-benzene; chloropentafluorobenzene; chloroperfluorobenzene; pentafluorochlorobenzene	<b>III/38b 2.1:2766;</b> <b>IV/8a 3.5.3,p.119;</b> <b>IV/16 2.1.7:871;</b> <b>IV/20a 4.4:1023</b>
<b>3743</b>	C <sub>6</sub> ClF <sub>13</sub> N <sub>2</sub> 382.51 33757-14-1		1-chloro-1',2,2,2',2'',2''-heptafluoro-1,1'- bis(trifluoromethyl)-azoethane	<b>IV/20a 4.4:1024</b>
<b>3744</b>	C <sub>6</sub> Cl <sub>3</sub> F <sub>3</sub> 235.42 319-88-0		benzene, 1,3,5-trichloro-2,4,6-trifluoro-; 1,3,5-trichloro-2,4,6-trifluorobenzene; 1,3,5-trichlorotrifluorobenzene	<b>IV/8a 3.5.3,p.119;</b> <b>IV/20a 4.4:1025</b>
<b>3745</b>	C <sub>6</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>6</sub> 316.44 2631-68-7		1,3,5-trichloro-2,4,6-trinitrobenzene	<b>IV/20a 4.4:1026</b>
<b>3746</b>	C <sub>6</sub> Cl <sub>4</sub> KO <sub>2</sub> 284.98 21136-28-7		<i>p</i> -chloroanil potassium; 2,5-cyclohexadiene-1,4-dione, 2,3,5,6- tetrachloro-, radical ion (1-), potassium	<b>IV/8a 3.5.3,p.119</b>
<b>3747</b>	C <sub>6</sub> Cl <sub>4</sub> O <sub>2</sub> 245.88 118-75-2		<i>p</i> -benzoquinone, 2,3,5,6-tetrachloro-; <i>p</i> -chloranil; psorisan; quinone tetrachloride; tetrachloro-1,4-benzoquinone	<b>IV/8a 3.5.3,p.119;</b> <b>IV/20a 4.4:1027</b>
<b>3748</b>	C <sub>6</sub> Cl <sub>5</sub> F <sub>9</sub> 420.32 307-26-6		pentachloro-1,1,2,3,3,4,5,5,6-nonafluoro-n- hexane; 1,1,3,5,6-pentachloro-nonafluoro-hexane	<b>III/38b 2.1:2767;</b> <b>IV/6 2.1.3:578</b>

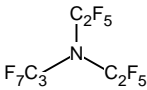
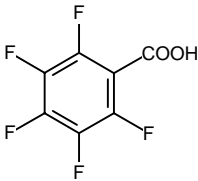
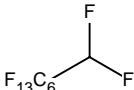
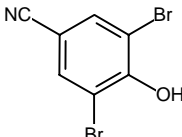
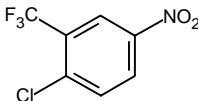
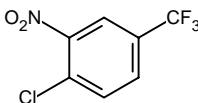
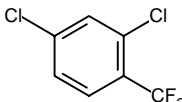
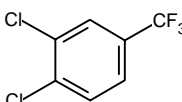
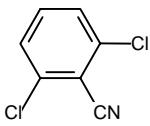
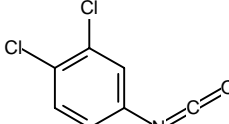


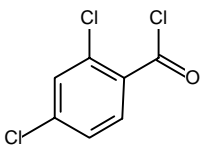
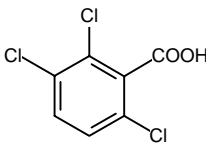
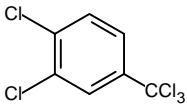
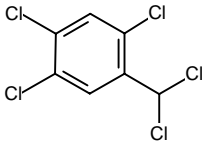
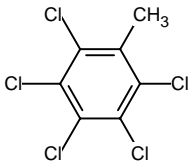
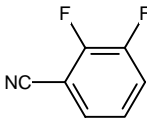
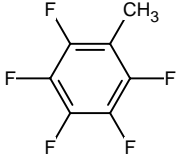
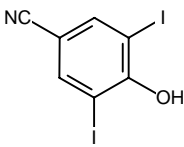
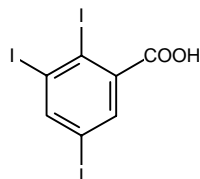
<b>3749</b>	C <sub>6</sub> Cl <sub>5</sub> F <sub>9</sub> 420.32 57504-36-6		1,1,3,5,5-pentachloro-1,2,2,3,4,4,6,6,6-nonafluoro-hexane	<b>IV/16 2.1.7:872</b>
<b>3750</b>	C <sub>6</sub> Cl <sub>5</sub> NO <sub>2</sub> 295.34 82-68-8		pentachloronitrobenzene	<b>IV/8a 3.5.3,p.119</b>
<b>3751</b>	C <sub>6</sub> Cl <sub>6</sub> 284.79 118-74-1		HCB; hexachlorobenzene; pentachlorophenyl chloride; perchlorobenzene	<b>IV/8a 3.5.3,p.120; IV/20a 4.4:1028</b>
<b>3752</b>	C <sub>6</sub> Cl <sub>10</sub> 426.60 29030-84-0		decachloro-hexa-1,5-diene	<b>III/38b 2.1:2768</b>
<b>3753</b>	C <sub>6</sub> D <sub>6</sub> 84.15 1076-43-3	 see also: <b>3991(H)</b>	benzene-d <sub>6</sub> ; hexadeuterio-benzene; hexadeuterobenzene; perdeuterobenzene	<b>III/38b 2.1:2769; IV/8a 3.5.3,p.133; IV/16 2.1.7:873</b>
<b>3754</b>	C <sub>6</sub> D <sub>12</sub> 96.24 1735-17-7	 see also: <b>4479(H)</b>	dodecadeutero-cyclohexane	<b>IV/16 2.1.7:874</b>
<b>3755</b>	C <sub>6</sub> D <sub>14</sub> 100.26 21666-38-6	C <sub>6</sub> D <sub>14</sub> see also: <b>4733(H)</b>	tetradecadeutero-hexane	<b>IV/16 2.1.7:875</b>
<b>3756</b>	C <sub>6</sub> F <sub>5</sub> NO <sub>2</sub> 213.06 880-78-4		pentafluoronitrobenzene	<b>IV/8a 3.5.3,p.120</b>
<b>3757</b>	C <sub>6</sub> F <sub>6</sub> 186.06 392-56-3	 see also: <b>10446(M)</b>	1,2,3,4,5,6-hexafluoro-benzene; hexafluorobenzene; perfluorobenzene	<b>III/38b 2.1:2770; IV/6 2.1.3:577; IV/8a 3.5.3,p.120; IV/16 2.1.7:876; IV/20a 4.4:1029; Mixtures: III/38a 3.1:649; IV/6 3.1:598, 1010, 1041; IV/16 3.1.4:170, 334, 383, 537, 548, 551</b>

<b>3758</b>	C <sub>6</sub> F <sub>8</sub> 224.05 5680-05-7		4-(difluoromethylene)-2,3,3-trifluoro-1-(trifluoromethyl)cyclobutene; perfluoro-(2-methyl-3-methylene-cyclobutane)	<b>IV/20a 4.4:1030</b>
<b>3759</b>	C <sub>6</sub> F <sub>8</sub> 224.05 775-51-9		octafluoro-cyclohexa-1,4-diene	<b>III/38b 2.1:2772</b>
<b>3760</b>	C <sub>6</sub> F <sub>8</sub> 224.05 377-70-8		octafluoro-cyclohexa-1,3-diene	<b>III/38b 2.1:2771</b>
<b>3761</b>	C <sub>6</sub> F <sub>10</sub> 262.05 355-75-9		decafluoro-cyclohexene	<b>III/38b 2.1:2773</b>
<b>3762</b>	C <sub>6</sub> F <sub>12</sub> 300.05 1858-56-6		dodecafluoro-1,2-dimethylcyclobutane	<b>IV/20a 4.4:1031</b>
<b>3763</b>	C <sub>6</sub> F <sub>12</sub> 300.05 355-68-0		dodecafluorocyclohexane; perfluorocyclohexane	<b>IV/20a 4.4:1032</b>
<b>3764</b>	C <sub>6</sub> F <sub>12</sub> N <sub>2</sub> 328.06 19451-96-8		N,N,N',N'-tetrakis-(trifluoromethyl)-1,2-ethyenediamine; tetrakis(trifluoromethyl)ethyenediamine	<b>IV/20a 4.4:1033</b>
<b>3765</b>	C <sub>6</sub> F <sub>12</sub> O 316.05 788-40-9		nonafluoro(trifluoro-methoxy)cyclopentane; perfluorocyclopentyl trifluoromethyl ether; perfluoromethoxycyclopentane	<b>IV/20a 4.4:1034</b>
<b>3766</b>	C <sub>6</sub> F <sub>12</sub> O <sub>2</sub> 332.05 24165-10-4		2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl trifluoroacetate	<b>IV/20a 4.4:1035</b>

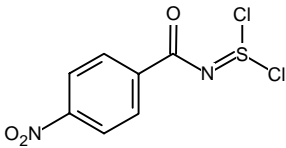
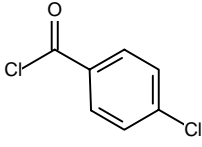
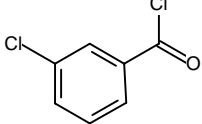
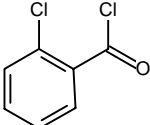
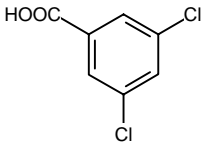
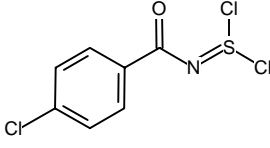
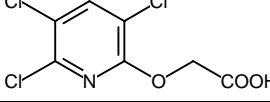
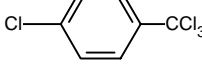
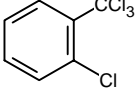
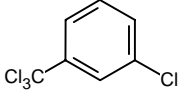
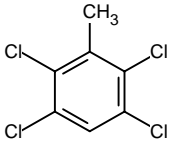
4940	C <sub>6</sub> H <sub>18</sub> N <sub>4</sub> 146.24 112-24-3		N,N'-bis-(2-amino-ethyl)-ethane-1,2-diamine; triethylenetetramine	III/38b 2.1.3:3516; IV/6 2.1.3:820
4941	C <sub>6</sub> H <sub>18</sub> O <sub>2</sub> Si <sub>2</sub> 162.38 107-46-0		hexamethyldisiloxane	III/38a 2.1.5:366; IV/6 2.1.3:816; IV/8a 3.5.3,p.155; IV/16 2.1.5:213; Mixtures: IV/16 3.1.4:529, 677, 680
4942	C <sub>6</sub> H <sub>18</sub> O <sub>3</sub> Si <sub>2</sub> 194.38 18187-24-1		1,3-dimethoxy-1,1,3,3-tetramethyl-disiloxane	III/38a 2.1.5:367
4943	C <sub>6</sub> H <sub>18</sub> O <sub>3</sub> Si <sub>3</sub> 222.47 541-05-9		hexamethylcyclotrisiloxane	IV/6 2.1.3:817; IV/8a 3.5.3,p.155
4944	C <sub>6</sub> H <sub>18</sub> Si <sub>2</sub> 146.38 1450-14-2		hexamethyldisilane	III/38a 2.1.5:368; IV/8a 3.5.3,p.156
4945	C <sub>6</sub> H <sub>19</sub> NSi <sub>2</sub> 161.40 999-97-3		1,1,1,3,3,3-hexamethyl-disilazane; hexamethyldisilazane	III/38a 2.1.5:369; IV/6 2.1.3:821; IV/16 2.1.5:214; Mixtures: IV/16 3.1.4:123
4946	C <sub>6</sub> H <sub>20</sub> CdCl <sub>4</sub> N <sub>2</sub> 374.45 53188-87-7		bis(N-propylammonium) tetrachlorocadmiate;	IV/8a 3.5.3,p.156
4947	C <sub>6</sub> H <sub>20</sub> Cl <sub>4</sub> MnN <sub>2</sub> 316.99 52495-27-9		tetrachlorobis(propylammonium) manganese II	IV/8a 3.5.3,p.156
4948	C <sub>6</sub> H <sub>20</sub> O <sub>4</sub> Si <sub>3</sub> 240.48 3663-50-1		1,1,3,3,5,5-hexamethyl-trisiloxane-1,5-diol	III/38a 2.1.5:370
4949	C <sub>6</sub> H <sub>21</sub> N <sub>3</sub> Si <sub>3</sub> 219.51 1009-93-4		cyclotrisilazane, 2,2,4,4,6,6-hexamethyl-; 2,2,4,4,6,6-hexamethylcyclotrisilazane	IV/8a 3.5.3,p.156
4950	C <sub>6</sub> H <sub>24</sub> O <sub>6</sub> Si <sub>6</sub> 360.77 6166-87-6		2,4,6,8,10,12-hexamethyl- cyclohexasiloxane	III/38a 2.1.5:371
4951	C <sub>7</sub> Cl <sub>4</sub> F <sub>12</sub> 453.87 1550-21-6		1,1,1,7-tetrachloro-2,2,3,3,4,4,5,5,6,6,7,7- dodecafluoroheptane	IV/20a 4.5:1183
4952	C <sub>7</sub> Cl <sub>7</sub> F <sub>9</sub> 503.23 53281-02-0		1,1,1,3,5,7,7-heptachloro-2,2,3,3,4,4,5,6,6,7- nonafluoro-heptane	IV/16 2.1.7:1113

4953	C <sub>7</sub> D <sub>8</sub> 100.19 2037-26-5	 see also: <b>5201(H)</b>	octadeutero-toluene	IV/16 2.1.7:1114
4954	C <sub>7</sub> D <sub>14</sub> 112.28 10120-28-2	 see also: <b>5654(H)</b>	tetradecadeutero-methylcyclohexane	IV/16 2.1.7:1115
4955	C <sub>7</sub> D <sub>16</sub> 116.30 33838-52-7	C <sub>7</sub> D <sub>16</sub> see also: <b>5844(H)</b>	hexadecadeutero-heptane	IV/16 2.1.7:1116
4956	C <sub>7</sub> F <sub>5</sub> N 193.08 773-82-0		pentafluorobenzonitrile	II/6 2.5:293
4957	C <sub>7</sub> F <sub>8</sub> 236.07 434-64-0		octafluorotoluene; pentafluoro(trifluoromethyl)benzene; perfluorotoluene	IV/8a 3.5.4,p.159; IV/16 2.1.7:1117; IV/20a 4.5:1184
4958	C <sub>7</sub> F <sub>10</sub> 274.06 14451-74-2		3,3-difluoro-1,2-bis(trifluoromethyl)-4-(difluoromethylene)cyclobutene	IV/20a 4.5:1185
4959	C <sub>7</sub> F <sub>12</sub> O <sub>6</sub> 408.05 32751-20-5		hexafluoroperoxy-glutaric acid, peroxyglutaric acid, hexafluoro-, bis(trifluoromethyl)ester	IV/20a 4.5:1186
4960	C <sub>7</sub> F <sub>14</sub> 350.06 355-02-2		perfluoro(methylcyclohexane); perfluoromethylcyclohexane; tetradecafluoromethylcyclohexane; trifluoromethyl-undecafluoro-cyclohexane; undecafluoro(trifluoromethyl)cyclohexane	III/38b 2.1:3517; IV/6 2.1.3:822; IV/16 2.1.7:1118; IV/20a 4.5:1188; Mixtures: IV/16 3.1.4:124, 681
4961	C <sub>7</sub> F <sub>14</sub> 350.06 355-59-9		perfluorocycloheptane; tetradecafluorocycloheptane	IV/20a 4.5:1187

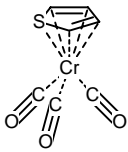
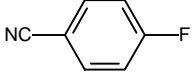
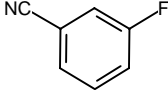
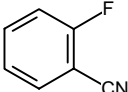
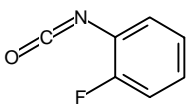
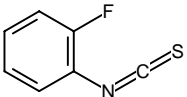
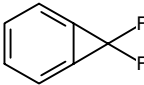
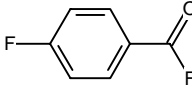
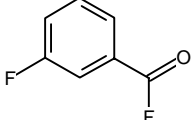
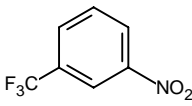
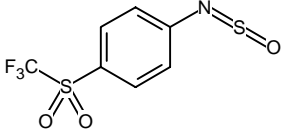
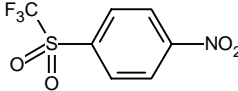
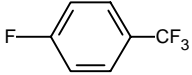
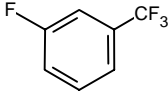
4962	C <sub>7</sub> F <sub>16</sub> 388.05 335-57-9	C <sub>7</sub> F <sub>16</sub>	hexadecafluoroheptane; perfluoro-n-heptane; perfluoroheptane	III/38b 2.1:3518; IV/6 2.1.3:823; IV/8a 3.5.4,p.159; IV/16 2.1.7:1119; IV/20a 4.5:1189
4963	C <sub>7</sub> F <sub>17</sub> N 421.06 338-81-8		perfluoro-N,N-diethylpropylamine	IV/20a 4.5:1190
4964	C <sub>7</sub> HF <sub>5</sub> O <sub>2</sub> 212.08 602-94-8		pentafluorobenzoic acid	IV/20a 4.5:1191
4965	C <sub>7</sub> HF <sub>15</sub> 370.06 375-83-7		1-hydropentadecafluoroheptane; 1-hydroperfluoroheptane; 1H-perfluoroheptane	IV/20a 4.5:1192
4966	C <sub>7</sub> HN 99.09 65937-22-6	NC≡C≡C≡C≡CH	hepta-2,4,6-triynenitrile	II/14a 2.3.2:32
4967	C <sub>7</sub> H <sub>3</sub> Br <sub>2</sub> NO 276.93 1689-84-5		brominal; brominil; bromoxynil; broxynil; bucril; 4-cyano-2,6-dibromophenol; 3,5-dibromo-4-hydroxybenzonitrile; labucril; labucril 25; pardner; toplan	IV/8a 3.5.4,p.159
4968	C <sub>7</sub> H <sub>3</sub> ClF <sub>3</sub> NO <sub>2</sub> 225.56 777-37-7		2-chloro-1-trifluoromethyl-5-nitro-benzene; 1-chloro-4-nitro-2-trifluoromethyl-benzene; 2-chloro-5-nitro-α,α,α-trifluorotoluene; α,α,α-trifluoro-2-chloro-5-nitrotoluene	III/38b 2.1:3520; IV/6 2.1.3:824; IV/20a 4.5:1193
4969	C <sub>7</sub> H <sub>3</sub> ClF <sub>3</sub> NO <sub>2</sub> 225.56 121-17-5		1-chloro-2-nitro-4-trifluoromethyl-benzene; 4-chloro-3-nitrobenzotrifluoride; α,α,α-trifluoro-4-chloro-3-nitrotoluene	III/38b 2.1:3519; IV/6 2.1.3:825; IV/20a 4.5:1194
4970	C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> F <sub>3</sub> 215.00 320-60-5		2,4-dichloro-1-trifluoromethyl-benzene	III/38b 2.1:3522
4971	C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> F <sub>3</sub> 215.00 328-84-7		3,4-dichlorobenzotrifluoride; 3,4-dichlorophenyltrifluoromethane; 3,4-dichlorotrifluoromethylbenzene	III/38b 2.1:3521; IV/20a 4.5:1195
4972	C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> N 172.01 1194-65-6		benzonitrile, 2,6-dichloro-; dichlobenil; 2,6-dichlorobenzonitrile; 2,6-dichlorocyanobenzene	IV/8a 3.5.4,p.159
4973	C <sub>7</sub> H <sub>3</sub> Cl <sub>2</sub> NO 188.01 102-36-3		1,2-dichloro-4-isocyanatobenzene; 3,4-dichlorophenyl isocyanate; isocyanic acid, 3,4-dichlorophenyl ester	IV/16 2.1.7:1120; IV/20a 4.5:1196

4974	C <sub>7</sub> H <sub>3</sub> Cl <sub>3</sub> O 209.46 89-75-8		2,4-dichloro-benzoyl chloride	III/38b 2.1:3523
4975	C <sub>7</sub> H <sub>3</sub> Cl <sub>3</sub> O <sub>2</sub> 225.46 50-31-7		benzoic acid, 2,3,6-trichloro-; 2,3,6-trichlorobenzoic acid	IV/8a 3.5.4,p.159
4976	C <sub>7</sub> H <sub>3</sub> Cl <sub>5</sub> 264.37 13014-24-9		1,2-dichloro-4-(trichloromethyl)benzene; 3,4-dichlorobenzotrichloride; 3,4-dichlorophenyltrichloromethane; $\alpha,\alpha,\alpha,3,4$ -pentachlorotoluene	IV/20a 4.5:1197
4977	C <sub>7</sub> H <sub>3</sub> Cl <sub>5</sub> 264.37 33429-70-8		1,2,4-trichloro-5-dichloromethyl-benzene	III/38b 2.1:3524
4978	C <sub>7</sub> H <sub>3</sub> Cl <sub>5</sub> 264.37 877-11-2		2,3,4,5,6-pentachlorotoluene	IV/6 2.1.3:826
4979	C <sub>7</sub> H <sub>3</sub> F <sub>2</sub> N 139.10 21524-39-0		2,3-difluorobenzonitrile	II/19b 2.5.2:588
4980	C <sub>7</sub> H <sub>3</sub> F <sub>5</sub> 182.09 771-56-2		benzene, pentafluoromethyl-; methylpentafluorobenzene; 1,2,3,4,5-pentafluoro-6-methyl-benzene; 2,3,4,5,6-pentafluorotoluene	III/38b 2.1:3525; IV/8a 3.5.4,p.160; IV/20a 4.5:1198
4981	C <sub>7</sub> H <sub>3</sub> I <sub>2</sub> NO 370.92 1689-83-4		benzonitrile, 3,5-diiodo-4-hydroxy-; 3,5-diiodo-4-hydroxybenzonitrile; ioxynil	IV/8a 3.5.4,p.160
4982	C <sub>7</sub> H <sub>3</sub> I <sub>3</sub> O <sub>2</sub> 499.81 88-82-4		benzoic acid, 2,3,5-triiodo-; 2,3,5-triiodobenzoic acid	IV/8a 3.5.4,p.160
4983	C <sub>7</sub> H <sub>4</sub> 88.11 66486-68-8	HC≡C≡C≡C≡C≡CH <sub>3</sub>	1,3,5-heptatriyne	II/14a 2.4.2:49

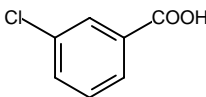
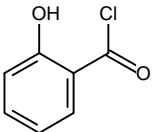
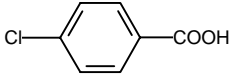
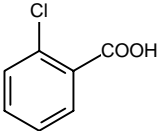
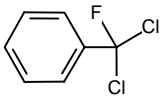
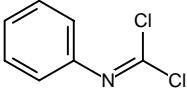
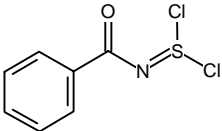
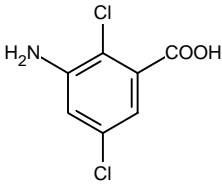
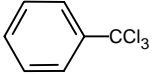
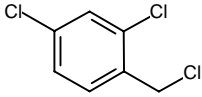
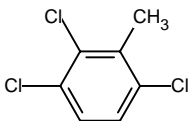
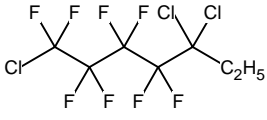
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4985	C <sub>7</sub> H <sub>4</sub> BrCl <sub>2</sub> NOS 300.99 28149-55-5		(4-bromobenzoyl)imidodichloride	IV/6 2.1.3:834
4986	C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub> 180.56 98-56-6		1-chloro-4-(trifluoromethyl)benzene; <i>p</i> -chlorobenzotrifluoride; 1-(trifluoromethyl)-4-chlorobenzene	III/38b 2.1:3529; IV/20a 4.5:1201
4987	C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub> 180.56 98-15-7		1-chloro-3-(trifluoromethyl)benzene; 3-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene; <i>m</i> -trifluoromethylphenyl chloride	III/38b 2.1:3528; IV/20a 4.5:1200
4988	C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub> 180.56 88-16-4		2-chloro- $\alpha,\alpha,\alpha$ -trifluorotoluene; 2-chlorobenzotrifluoride; 1-(trifluoromethyl)-2-chlorobenzene	III/38b 2.1:3527; IV/20a 4.5:1199
4989	C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub> O <sub>2</sub> S 244.62 383-11-9		4-(trifluoromethylsulfonyl)-1-chlorobenzene	IV/6 2.1.3:827
4990	C <sub>7</sub> H <sub>4</sub> ClF <sub>3</sub> O <sub>4</sub> S <sub>2</sub> 308.68 63647-64-3		4-(trifluoromethylsulfonyl)benzenesulfonyl chloride	IV/6 2.1.3:828
4991	C <sub>7</sub> H <sub>4</sub> ClN 137.57 623-03-0		4-chlorobenzonitrile	II/19b 2.5.2:589; II/19c 2.7.4.2:192
4992	C <sub>7</sub> H <sub>4</sub> ClNO 153.57 104-12-1		4-chloroisocyanatobenzene; 4-chlorophenyl isocyanate; isocyanic acid, <i>p</i> -chlorophenyl ester	IV/6 2.1.3:833; IV/16 2.1.7:1121; IV/20a 4.5:1203
4993	C <sub>7</sub> H <sub>4</sub> ClNO 153.57 2909-38-8		3-chloroisocyanatobenzene; 3-chlorophenyl isocyanate; isocyanic acid, <i>m</i> -chlorophenyl ester	IV/20a 4.5:1202
4994	C <sub>7</sub> H <sub>4</sub> ClNO 153.57 615-18-9		2-chloro-benzoxazole	III/38b 2.1:3530
4995	C <sub>7</sub> H <sub>4</sub> ClNO <sub>3</sub> 185.57 121-90-4		3-nitrobenzoyl chloride	IV/20a 4.5:1204
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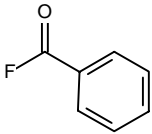
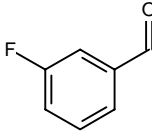
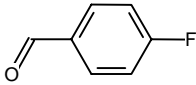
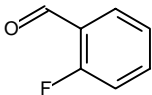
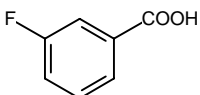
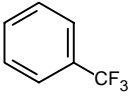
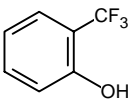
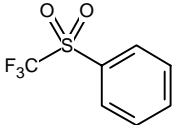
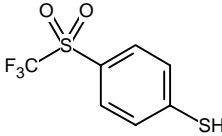
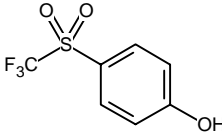
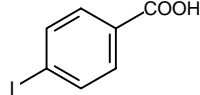
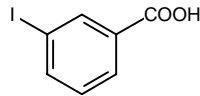
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4998	C <sub>7</sub> H <sub>4</sub> Cl <sub>2</sub> O 175.01 122-01-0		4-chlorobenzoyl chloride; 4-chlorobenzoyl chloride	III/38b 2.1:3534; IV/20a 4.5:1207
4999	C <sub>7</sub> H <sub>4</sub> Cl <sub>2</sub> O 175.01 618-46-2		3-chlorobenzoyl chloride; <i>m</i> -chlorobenzoyl chloride	III/38b 2.1:3533; IV/20a 4.5:1206
5000	C <sub>7</sub> H <sub>4</sub> Cl <sub>2</sub> O 175.01 609-65-4		2-chlorobenzoyl chloride	III/38b 2.1:3532; IV/20a 4.5:1205
5001	C <sub>7</sub> H <sub>4</sub> Cl <sub>2</sub> O <sub>2</sub> 191.01 51-36-5		benzoic acid, 3,5-dichloro-; 3,5-dichlorobenzoic acid	IV/8a 3.5.4,p.160
5002	C <sub>7</sub> H <sub>4</sub> Cl <sub>3</sub> NO <sub>3</sub> 256.54 28149-54-4		(4-chlorobenzoyl)imidodisulfurous dichloride	IV/6 2.1.3:836
5003	C <sub>7</sub> H <sub>4</sub> Cl <sub>3</sub> NO <sub>3</sub> 256.47 55335-06-3		3,5,6-trichloro-2-pyridinyloxyacetic acid; 3,5,6-trichloro-2-pyridinyloxyethanoic acid; triclopyr	IV/8a 3.5.4,p.160
5004	C <sub>7</sub> H <sub>4</sub> Cl <sub>4</sub> 229.92 5216-25-1		1-chloro-4-(trichloromethyl)benzene	III/38b 2.1:3537
5005	C <sub>7</sub> H <sub>4</sub> Cl <sub>4</sub> 229.92 2136-89-2		2-chlorobenzotrichloride; <i>o</i> -chlorophenyltrichloromethane; $\alpha,\alpha,\alpha,2$ -tetrachlorotoluene	III/38b 2.1:3535; IV/8a 3.5.4,p.160; IV/20a 4.5:1208
5006	C <sub>7</sub> H <sub>4</sub> Cl <sub>4</sub> 229.92 2136-81-4		1-chloro-3-(trichloromethyl)benzene	III/38b 2.1:3536
5007	C <sub>7</sub> H <sub>4</sub> Cl <sub>4</sub> 229.92 1006-31-1		benzene, 1,2,4,5-tetrachloro-3-methyl-; 1,2,4,5-tetrachloro-3-methylbenzene; 2,3,5,6-tetrachlorotoluene	IV/20a 4.5:1209

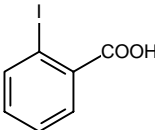
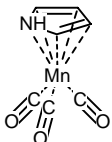
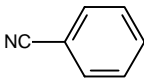
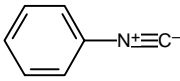
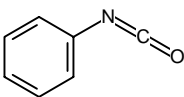
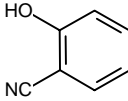
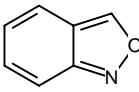
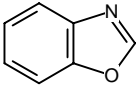
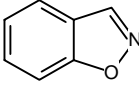


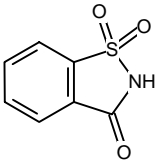
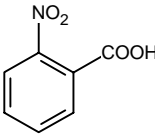
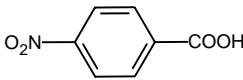
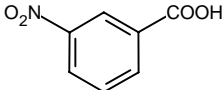
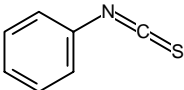
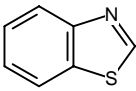
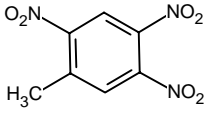
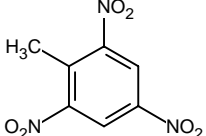
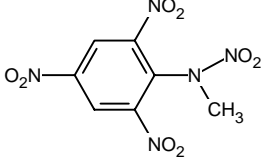
5008	C <sub>7</sub> H <sub>4</sub> CrO <sub>3</sub> S 220.17 12078-15-8		thiophene chromium tricarbonyl; tricarbonyl(η-thiophene) chromium	IV/8a 3.5.4,p.160
5009	C <sub>7</sub> H <sub>4</sub> FN 121.11 1194-02-1		4-fluorobenzonitrile	II/19b 2.5.2:592; II/19c 2.7.4.2:195; III/38b 2.1:3539
5010	C <sub>7</sub> H <sub>4</sub> FN 121.11 403-54-3		3-fluorobenzonitrile	II/19b 2.5.2:591; II/19c 2.7.4.2:194; III/38b 2.1:3538
5011	C <sub>7</sub> H <sub>4</sub> FN 121.11 394-47-8		2-fluorobenzonitrile	II/19b 2.5.2:590; II/19c 2.7.4.2:193
5012	C <sub>7</sub> H <sub>4</sub> FNO 137.11 16744-98-2		1-fluoro-2-isocyanatobenzene	II/14a 2.5.2:697
5013	C <sub>7</sub> H <sub>4</sub> FNS 153.18 38985-64-7		1-fluoro-2-isothiocyanatobenzene	II/19b 2.5.2:593
5014	C <sub>7</sub> H <sub>4</sub> F <sub>2</sub> 126.11 18238-55-6		7,7-difluorobicyclo[4.1.0]hepta-1,3,5-triene	II/14a 2.5.2:671; II/14a 2.6.3.2:335
5015	C <sub>7</sub> H <sub>4</sub> F <sub>2</sub> O 142.11 1583-56-8		4-fluorobenzoyl fluoride	II/19b 2.5.2:594; II/19c 2.6.4.2:235; II/19c 2.8.3.2:92
5016	C <sub>7</sub> H <sub>4</sub> F <sub>2</sub> O 142.11 3820-58-4		3-fluorobenzoyl fluoride	II/19b 2.5.2:595; II/19c 2.8.3.2:93
5017	C <sub>7</sub> H <sub>4</sub> F <sub>3</sub> NO <sub>2</sub> 191.11 98-46-4		1-nitro-3-trifluoromethyl-benzene; <i>m</i> -nitrobenzotrifluoride; α,α,α-trifluoro- <i>m</i> -nitrotoluene; 1-trifluoromethyl-3-nitrobenzene	III/38b 2.1:3540; IV/6 2.1.3:829; IV/20a 4.5:1210
5018	C <sub>7</sub> H <sub>4</sub> F <sub>3</sub> NO <sub>3</sub> S <sub>2</sub> 271.24 6185-95-1		4-(trifluoromethylsulfonyl)-N-sulfinyl aniline	IV/6 2.1.3:830
5019	C <sub>7</sub> H <sub>4</sub> F <sub>3</sub> NO <sub>4</sub> S 255.17 432-87-1		4-(trifluoromethylsulfonyl)-1-nitrobenzene	IV/6 2.1.3:831
5020	C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> 164.10 402-44-8		<i>p</i> -fluorobenzotrifluoride; toluene, <i>p</i> , α,α,α-tetrafluoro-; 1-(trifluoromethyl)-4-fluorobenzene	III/38b 2.1:3543; IV/20a 4.5:1212
5021	C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> 164.10 401-80-9		<i>m</i> -fluorobenzotrifluoride; toluene, <i>m</i> , α,α,α-tetrafluoro-; 1-(trifluoromethyl)-3-fluorobenzene	III/38b 2.1:3542; IV/20a 4.5:1211

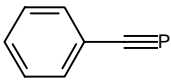
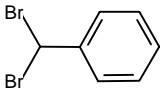
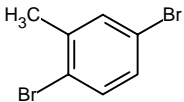
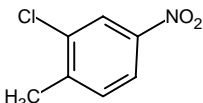
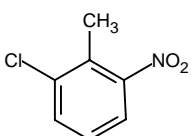
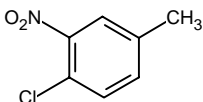
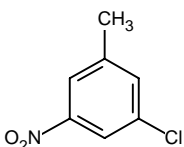
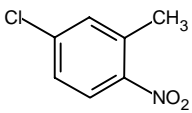
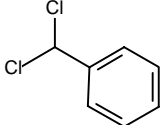
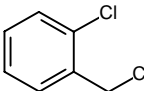
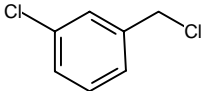
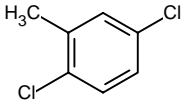
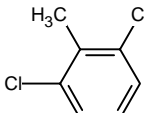
5022	C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> 164.10 392-85-8		1-fluoro-2-trifluoromethyl-benzene	III/38b 2.1:3541
5023	C <sub>7</sub> H <sub>4</sub> F <sub>4</sub> O <sub>2</sub> S 228.17 944-30-9		1-fluoro-4-(trifluoro-methanesulfonyl)-benzene; 4-(trifluoromethylsulfonyl)-1-fluorobenzene	III/38b 2.1:3544; IV/6 2.1.3:832
5024	C <sub>7</sub> H <sub>4</sub> F <sub>12</sub> O 332.09 335-99-9		2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoro-1-heptanol; 1,1,7-trihydrododecafluoroheptan-1-ol; 1,1,7-trihydroperfluoroheptanol	IV/20a 4.5:1213
5025	C <sub>7</sub> H <sub>4</sub> FeO <sub>3</sub> 191.96 12078-17-0		tricarbonyl(η <sup>4</sup> -1,3-cyclobutadiene)iron	II/14a 2.4.2:97
5026	C <sub>7</sub> H <sub>5</sub> BrO 185.03 618-32-6		benzoyl bromide	III/38b 2.1:3545; IV/6 2.1.3:845; IV/16 2.1.7:1122
5027	C <sub>7</sub> H <sub>5</sub> BrO 185.03 3132-99-8		3-bromo-benzaldehyde	III/38b 2.1:3547
5028	C <sub>7</sub> H <sub>5</sub> BrO 185.03 6630-33-7		2-bromo-benzaldehyde	III/38b 2.1:3546
5029	C <sub>7</sub> H <sub>5</sub> BrO <sub>2</sub> 201.03 88-65-3		benzoic acid, 2-bromo-; 2-bromobenzoic acid; o-bromobenzoic acid	IV/8a 3.5.4,p.161
5030	C <sub>7</sub> H <sub>5</sub> ClO 140.57 98-88-4		benzoyl chloride	II/19b 2.5.2:596; II/19c 2.7.4.2:196; III/38b 2.1:3548; IV/6 2.1.3:842; IV/8a 3.5.4,p.161; IV/16 2.1.7:1123; IV/20a 4.5:1214
5031	C <sub>7</sub> H <sub>5</sub> ClO 140.57 104-88-1		4-chlorobenzaldehyde	II/6 2.5:287; III/38b 2.1:3551
5032	C <sub>7</sub> H <sub>5</sub> ClO 140.57 89-98-5		2-chlorobenzaldehyde; o-chlorobenzaldehyde; o-chlorobenzenecarboxaldehyde	III/38b 2.1:3549; IV/8a 3.5.4,p.161; IV/20a 4.5:1215
5033	C <sub>7</sub> H <sub>5</sub> ClO 140.57 587-04-2		3-chloro-benzaldehyde	III/38b 2.1:3550

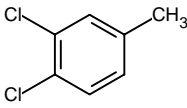
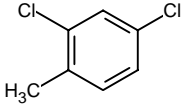
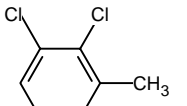
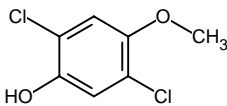
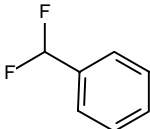
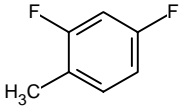
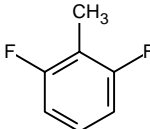
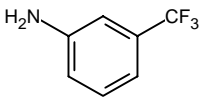
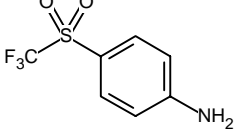
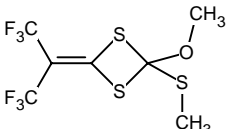
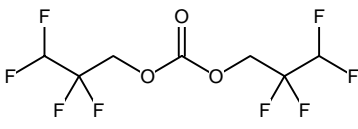
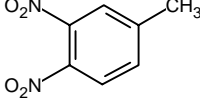
5034	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub> 156.57 535-80-8		benzoic acid, 3-chloro-; 3-chlorobenzoic acid; <i>m</i> -chlorobenzoic acid	IV/8a 3.5.4,p.161
5035	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub> 156.57 1441-87-8		2-hydroxy-benzoyl chloride	III/38b 2.1:3552
5036	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub> 156.57 74-11-3		benzoic acid, 4-chloro-; 4-chlorobenzoic acid; <i>p</i> -chlorobenzoic acid	IV/8a 3.5.4,p.161
5037	C <sub>7</sub> H <sub>5</sub> ClO <sub>2</sub> 156.57 118-91-2		benzoic acid, 2-chloro-; 2-chlorobenzoic acid; <i>o</i> -chlorobenzoic acid	IV/8a 3.5.4,p.161
5038	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> F 179.02 498-67-9		(dichloro-fluoro-methyl)-benzene	III/38b 2.1:3553
5039	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> N 174.03 622-44-6		1,1-dichloro-N-phenylmethanimine; phenyl carblyamine chloride; N-phenylcarbimide dichloride; N-phenyliminocarbonyl dichloride	IV/20a 4.5:1217
5040	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> NOS 222.09 52999-21-0		benzoylimidosulfurous dichloride	IV/6 2.1.3:843
5041	C <sub>7</sub> H <sub>5</sub> Cl <sub>2</sub> NO <sub>2</sub> 206.03 133-90-4		ambiben; 3-amino-2,5-dichlorobenzoic acid; chloramben; 2,5-dichloro-3-aminobenzoic acid	IV/8a 3.5.4,p.161
5042	C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub> 195.48 98-07-7		benzotrichloride; (trichloromethyl)benzene; $\alpha,\alpha,\alpha$ -trichlorotoluene	III/38b 2.1:3555; IV/8a 3.5.4,p.162; IV/20a 4.5:1219
5043	C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub> 195.48 94-99-5		benzene, 2,4-dichloro-1-(chloromethyl)-; 2,4-dichloro-1-(chloromethyl)benzene; 2,4-dichlorobenzyl chloride; $\alpha,2,4$ -trichlorotoluene	III/38b 2.1:3554; IV/6 2.1.3:844; IV/8a 3.5.4,p.161; IV/20a 4.5:1218
5044	C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub> 195.48 2077-46-5		benzene, 1,2,4-trichloro-3-methyl-; 1,2,4-trichloro-3-methylbenzene; 2,3,6-trichlorotoluene	IV/20a 4.5:1220
5045	C <sub>7</sub> H <sub>5</sub> Cl <sub>3</sub> F <sub>8</sub> 347.46 16395-71-4		1,5,5-trichloro-1,1,2,2,3,3,4,4- octafluoroheptane	IV/20a 4.5:1221

5046	C <sub>7</sub> H <sub>5</sub> FO 124.12 455-32-3		benzoyl fluoride	II/6 2.5:282a; II/6 2.8:49a; II/19b 2.5.2:600; II/19c 2.6.4.2:236; II/19c 2.8.3.2:94; III/38b 2.1:3556; IV/6 2.1.3:837
5047	C <sub>7</sub> H <sub>5</sub> FO 124.12 456-48-4		3-fluorobenzaldehyde	II/19b 2.5.2:598
5048	C <sub>7</sub> H <sub>5</sub> FO 124.12 459-57-4		4-fluorobenzaldehyde	II/19b 2.5.2:599
5049	C <sub>7</sub> H <sub>5</sub> FO 124.12 446-52-6		2-fluorobenzaldehyde	II/19b 2.5.2:597
5050	C <sub>7</sub> H <sub>5</sub> FO <sub>2</sub> 140.12 455-38-9		3-fluorobenzoic acid; <i>m</i> -fluorobenzoic acid	IV/20a 4.5:1222
5051	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> 146.11 98-08-8		benzenyl fluoride; benzotrifluoride; benzylidene fluoride; phenylfluoroform; (trifluoromethyl)benzene; trifluoromethylbenzene	II/14a 2.5.2:685; II/14a 2.8.2:56; III/38b 2.1:3557; IV/6 2.1.3:838; IV/8a 3.5.4,p.162; IV/20a 4.5:1223
5052	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O 162.11 444-30-4		2-(trifluoromethyl)phenol	II/19b 2.5.2:601
5053	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> S 210.18 426-58-4		phenyl trifluoromethyl sulfone; trifluoromethylphenyl sulfone	III/38b 2.1:3558; IV/6 2.1.3:839
5054	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O <sub>2</sub> S <sub>2</sub> 242.24 63647-65-4		4-(trifluoromethylsulfonyl)-benzenethiol	IV/6 2.1.3:840
5055	C <sub>7</sub> H <sub>5</sub> F <sub>3</sub> O <sub>3</sub> S 226.18 432-84-8		4-(trifluoromethylsulfonyl)-phenol	IV/6 2.1.3:841
5056	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub> 248.02 619-58-9		benzoic acid, 4-iodo-; 4-iodobenzoic acid; <i>p</i> -iodobenzoic acid	IV/8a 3.5.4,p.162
5057	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub> 248.02 618-51-9		benzoic acid, 3-iodo-; 3-iodobenzoic acid; <i>m</i> -iodobenzoic acid	IV/8a 3.5.4,p.162

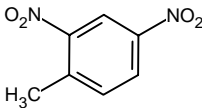
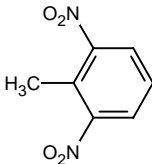
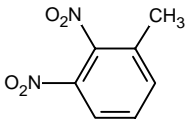
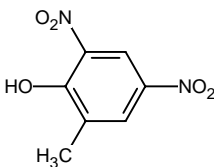
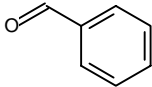
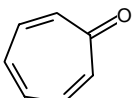
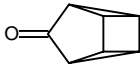
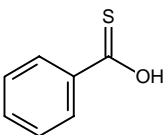
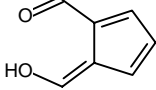
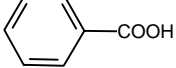
5058	C <sub>7</sub> H <sub>5</sub> IO <sub>2</sub> 248.02 88-67-5		benzoic acid, 2-iodo-; 2-iodobenzoic acid; o-iodobenzoic acid	IV/8a 3.5.4,p.162
5059	C <sub>7</sub> H <sub>5</sub> MnNO <sub>3</sub> 206.06 32761-36-7		tricarbonyl[(1,2,3,4,5-η)-1H-pyrrol-1-yl]manganese	IV/8a 3.5.4,p.160
5060	C <sub>7</sub> H <sub>5</sub> N 103.13 100-47-0		benzenenitrile; benzoic acid nitrile; benzonitrile; cyanobenzene; phenyl cyanide	II/4 2.5:182; II/4 2.6:208; II/6 2.5:276; II/14a 2.5.2:675a; II/14a 2.7.3.2:71a; II/19b 2.5.2:602; II/19c 2.7.4.2:197; III/38b 2.1:3559; IV/6 2.1.3:847; IV/8a 3.5.4,p.162; IV/16 2.1.7:1124; Mixtures: III/38a 3.1:703; IV/6 3.1:116, 169, 189, 205, 218, 244, 277, 300, 309, 379, 416, 463, 471, 496, 625, 702, 710, 786, 820, 849, 853-858, 863, 1018
5061	C <sub>7</sub> H <sub>5</sub> N 103.13 931-54-4		isocyanobenzene	II/14a 2.5.2:676; II/19b 2.5.2:603; II/19c 2.6.4.2:237; II/19c 2.7.4.2:198
5062	C <sub>7</sub> H <sub>5</sub> NO 119.12 103-71-9		isocyanatobenzene; phenyl isocyanate	II/14a 2.5.2:681; II/14a 2.6.3.2:340; II/19b 2.5.2:604; II/19c 2.7.4.2:199; III/38b 2.1:3564; IV/6 2.1.3:846
5063	C <sub>7</sub> H <sub>5</sub> NO 119.12 611-20-1		2-hydroxy-benzonitrile	III/38b 2.1:3563
5064	C <sub>7</sub> H <sub>5</sub> NO 119.12 271-58-9		2,1-benzisoxazole	III/38b 2.1:3561
5065	C <sub>7</sub> H <sub>5</sub> NO 119.12 273-53-0		benzoxazole	III/38b 2.1:3562; IV/8a 3.5.4,p.162
5066	C <sub>7</sub> H <sub>5</sub> NO 119.12 271-95-4		1,2-benzisoxazole	III/38b 2.1:3560

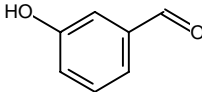
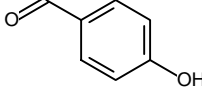
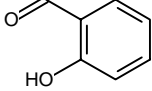
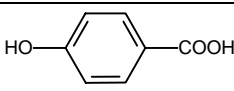
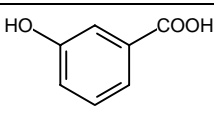
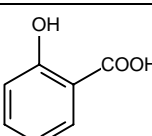
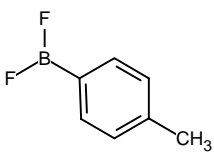
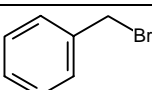
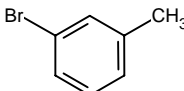
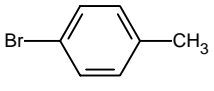
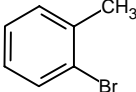
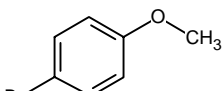
5067	C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub> S 183.19 81-07-2		<i>o</i> -benzoic sulfimide; 1,2-benzisothiazolin-3-one 1,1-dioxide; saccharin	IV/8a 3.5.4,p.163
5068	C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub> 167.12 552-16-9		benzoic acid, 2-nitro-; 2-nitrobenzoic acid; <i>o</i> -nitrobenzoic acid	IV/8a 3.5.4,p.163
5069	C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub> 167.12 62-23-7		<i>p</i> -carboxynitrobenzene; <i>p</i> -nitrobenzenecarboxylic acid; 4-nitrobenzoic acid; nitrodacrylic acid	IV/8a 3.5.4,p.163
5070	C <sub>7</sub> H <sub>5</sub> NO <sub>4</sub> 167.12 121-92-6		<i>m</i> -carboxynitrobenzene; <i>m</i> -nitrobenzenecarboxylic acid; 3-nitrobenzoic acid	IV/8a 3.5.4,p.163
5071	C <sub>7</sub> H <sub>5</sub> NS 135.19 103-72-0		isothiocyanatobenzene; isothiocyanic acid, phenyl ester; phenyl isothiocyanate	II/14a 2.5.2:682; II/19b 2.5.2:605; II/19c 2.7.4.2:200; III/38b 2.1:3566; IV/16 2.1.7:1125; IV/20a 3.2:386; Mixtures: III/38a 3.1:586, 802; IV/16 3.1.4:506, 682
5072	C <sub>7</sub> H <sub>5</sub> NS 135.19 95-16-9		benzothiazole	III/38b 2.1:3565; IV/8a 3.5.4,p.163
5073	C <sub>7</sub> H <sub>5</sub> N <sub>3</sub> O <sub>6</sub> 227.13 610-25-3		benzene, 1-methyl-2,4,5-trinitro-; 1-methyl-2,4,5-trinitrobenzene; 2,4,5-trinitrotoluene	IV/8a 3.5.4,p.163
5074	C <sub>7</sub> H <sub>5</sub> N <sub>3</sub> O <sub>6</sub> 227.13 118-96-7	 see also: 14157(M), 14159(M), 14158(M), 14421(M), 14420(M), 14824(M), 14836(M), 14835(M), 14834(M), 14832(M), 14833(M), 14838(M), 14837(M), 15051(M), 15278(M), 15279(M), 15429(M), 15576(M), 15575(M)	benzene, 2-methyl-1,3,5-trinitro-; <i>sym</i> -trinitrotoluene; $\alpha$ -TNT; 2,4,6-trinitrotoluene	IV/8a 3.5.4,p.164; IV/16 2.1.7:1126
5075	C <sub>7</sub> H <sub>5</sub> N <sub>5</sub> O <sub>8</sub> 287.15 479-45-8		N-methyl-N,2,4,6-tetranitroaniline; N-methyl-N-2,4,6-tetranitrobenzenamine; nitramine; tetryl	IV/8a 3.5.4,p.164

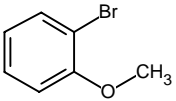
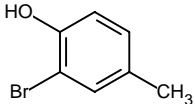
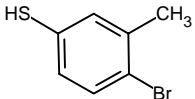
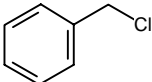
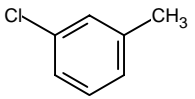
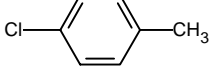
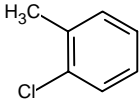
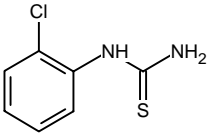
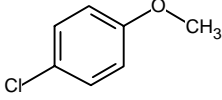
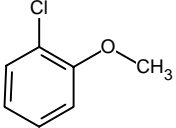
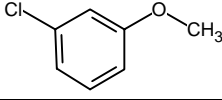
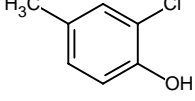
5076	C <sub>7</sub> H <sub>5</sub> P 120.09 76684-21-4		(phenylmethylidyne)phosphine	II/19b 2.5.2:606
5077	C <sub>7</sub> H <sub>6</sub> Br <sub>2</sub> 249.94 618-31-5		dibromomethyl-benzene	III/38b 2.1:3567
5078	C <sub>7</sub> H <sub>6</sub> Br <sub>2</sub> 249.94 615-59-8		2,5-dibromo-toluene	III/38b 2.1:3568
5079	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub> 171.58 121-86-8		2-chloro-4-nitro-toluene	III/38b 2.1:3570
5080	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub> 171.58 83-42-1		2-chloro-6-nitro-toluene	III/38b 2.1:3571
5081	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub> 171.58 89-60-1		4-chloro-3-nitrotoluene; 1-chloro-4-methyl-2-nitro-benzene	III/38b 2.1:3569; IV/6 2.1.3:848; IV/8a 3.5.4,p.164
5082	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub> 171.58 16582-38-0		3-chloro-5-nitro-toluene	III/38b 2.1:3572
5083	C <sub>7</sub> H <sub>6</sub> ClNO <sub>2</sub> 171.58 5367-28-2		5-chloro-2-nitro-toluene	III/38b 2.1:3573
5084	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 98-87-3		benzal chloride; (dichloromethyl)benzene; $\alpha,\alpha$ -dichlorotoluene	III/38b 2.1:3576; IV/6 2.1.3:852; IV/16 2.1.7:1127; IV/20a 4.5:1224, 1225
5085	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 611-19-8		1-chloro-2-chloromethyl-benzene	III/38b 2.1:3574
5086	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 620-20-2		1-chloro-3-chloromethyl-benzene	III/38b 2.1:3575
5087	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 19398-61-9		2,5-dichloro-toluene	III/38b 2.1:3579
5088	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 118-69-4		2,6-dichlorotoluene	III/38b 2.1:3580; IV/6 2.1.3:849

5089	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 95-75-0		benzene, 1,2-dichloro-4-methyl-; 1,2-dichloro-4-methylbenzene; 3,4-dichlorotoluene	III/38b 2.1:3581; IV/6 2.1.3:851; IV/8a 3.5.4,p.164; IV/20a 4.5:1216, 1227
5090	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 95-73-8		2,4-dichloro-1-methylbenzene; 1,3-dichloro-4-methylbenzene; 2,4-dichlorotoluene	III/38b 2.1:3578; IV/6 2.1.3:850; IV/20a 4.5:1226
5091	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> 161.03 32768-54-0		2,3-dichloro-toluene	III/38b 2.1:3577
5092	C <sub>7</sub> H <sub>6</sub> Cl <sub>2</sub> O <sub>2</sub> 193.03 18113-14-9		2,5-dichloro-4-methoxyphenol; phenol, 2,5-dichloro-4-methoxy-	IV/8a 3.5.4,p.164
5093	C <sub>7</sub> H <sub>6</sub> F <sub>2</sub> 128.12 455-31-2		difluoromethyl-benzene	III/38b 2.1:3582
5094	C <sub>7</sub> H <sub>6</sub> F <sub>2</sub> 128.12 452-76-6		2,4-difluoro-toluene	III/38b 2.1:3583
5095	C <sub>7</sub> H <sub>6</sub> F <sub>2</sub> 128.12 443-84-5		2,6-difluoro-toluene	III/38b 2.1:3584
5096	C <sub>7</sub> H <sub>6</sub> F <sub>3</sub> N 161.13 98-16-8		<i>m</i> -aminobenzotrifluoride; <i>m</i> -toluidine, $\alpha,\alpha,\alpha$ -trifluoro-; 3-(trifluoromethyl)aniline; 3-(trifluoromethyl)-benzenamine	III/38b 2.1:3585; IV/20a 4.5:1228
5097	C <sub>7</sub> H <sub>6</sub> F <sub>3</sub> NO <sub>2</sub> S 225.19 473-27-8		4-(trifluoromethylsulfonyl)-aniline	IV/6 2.1.3:853
5098	C <sub>7</sub> H <sub>6</sub> F <sub>6</sub> OS <sub>3</sub> 316.31 24515-97-7		2-methoxy-2-(methylthio)-4-[trifluoro-1-(trifluoromethyl)ethylidene]-1,3-dithietane	III/38b 2.1:3586
5099	C <sub>7</sub> H <sub>6</sub> F <sub>8</sub> O <sub>3</sub> 290.11 1422-70-4		bis(tetrafluoropropyl) carbonate; carbonic acid, bis(2,2,3,3,- tetrachloropropyl) ester	IV/8a 3.5.4,p.164
5100	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub> 182.14 610-39-9		benzene, 1-methyl-3,4-dinitro-; 3,4-dinitrotoluene; 1-methyl-3,4-dinitrobenzene	IV/8a 3.5.4,p.165

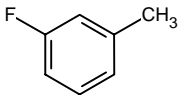
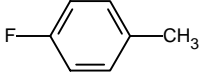
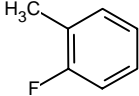
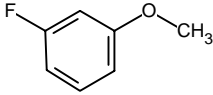
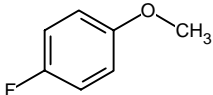
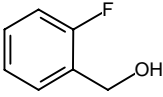
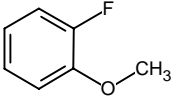
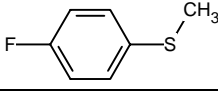
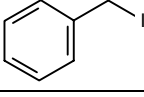
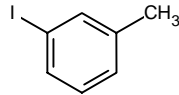
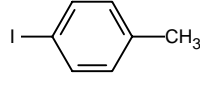


5101	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub> 182.14 121-14-2		benzene, 1-methyl-2,4-dinitro-; 2,4-dinitrotoluene; 1-methyl-2,4-dinitrobenzene	IV/8a 3.5.4,p.164
5102	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub> 182.14 606-20-2		2,6-dinitrotoluene; 2-methyl-1,3-dinitrobenzene; 1-methyl-2,6-dinitrobenzene	IV/8a 3.5.4,p.165
5103	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub> 182.14 602-01-7		benzene, 1-methyl-2,3-dinitro-; 2,3-dinitrotoluene; 1-methyl-2,3-dinitrobenzene	IV/8a 3.5.4,p.164
5104	C <sub>7</sub> H <sub>6</sub> N <sub>2</sub> O <sub>5</sub> 198.14 534-52-1		benzene, 1-hydroxy-2-methyl-3,5-dinitro-; 4,6-dinitro-o-cresol; 1-hydroxy-2-methyl-3,5-dinitrobenzene; 2-methyl-3,5-dinitrophenol	IV/8a 3.5.4,p.165
5105	C <sub>7</sub> H <sub>6</sub> O 106.13 100-52-7		benzaldehyde; benzenecarbonal; benzenecarboxaldehyde; benzoic aldehyde; phenylmethanal	II/4 2.5:185; II/6 2.5:282; II/6 2.8:49; III/38b 2.1:3587; IV/6 2.1.3:854; IV/8a 3.5.4,p.165; IV/16 2.1.7:1128; Mixtures: III/38a 3.1:352, 808; IV/6 3.1:219, 278, 310, 417, 626, 711, 859-865, 1023
5106	C <sub>7</sub> H <sub>6</sub> O 106.13 539-80-0		cyclohepta-2,4,6-trienone; 2,4,6-cycloheptatrien-1-one	II/14a 2.5.2:657; II/14a 2.6.3.2:324; II/14a 2.9.3.2:54; III/38b 2.1:3588
5107	C <sub>7</sub> H <sub>6</sub> O 106.13 1072-92-0		tetracyclo[3.2.0. <sup>2,7</sup> .0 <sup>4,6</sup> ]heptan-3-one	II/14a 2.5.2:561; II/14a 2.6.3.2:272
5108	C <sub>7</sub> H <sub>6</sub> OS 138.19 98-91-9		thiobenzoic acid	III/38b 2.1:3589
5109	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> 122.13 13022-72-5		5-(hydroxymethylene)-1,3-cyclopentadiene- 1-carboxaldehyde	II/14a 2.5.2:609
5110	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> 122.13 65-85-0		benzenecarboxylic acid; benzeneformic acid; benzenemethanoic acid; benzoic acid; carboxybenzene; dracylic acid; phenylcarboxylic acid; phenylformic acid	III/38b 2.1:3590; IV/8a 3.5.4,p.165; IV/16 2.1.7:1129

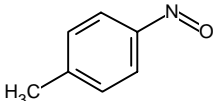
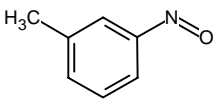
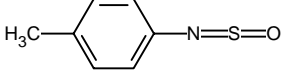
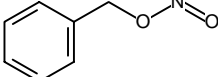
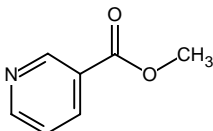
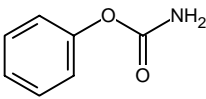
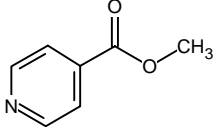
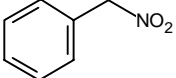
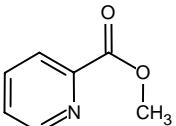
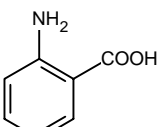
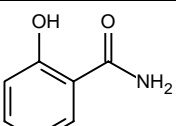
5111	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> 122.13 100-83-4		3-hydroxy-benzaldehyde	IV/16 2.1.7:1131
5112	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> 122.13 123-08-0		4-hydroxy-benzaldehyde	III/38b 2.1:3592; IV/16 2.1.7:1132
5113	C <sub>7</sub> H <sub>6</sub> O <sub>2</sub> 122.13 90-02-8		2-hydroxybenzaldehyde	II/6 2.5:287a; III/38b 2.1:3591; IV/6 2.1.3:855; IV/16 2.1.7:1130; Mixtures: IV/16 3.1.4:319, 354, 481, 597
5114	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> 138.12 99-96-7		4-carboxyphenol; 4-hydroxybenzoic acid; <i>p</i> -salicylic acid	IV/8a 3.5.4,p.166
5115	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> 138.12 99-06-9		3-carboxyphenol; 3-hydroxybenzoic acid; <i>m</i> -salicylic acid	IV/8a 3.5.4,p.166
5116	C <sub>7</sub> H <sub>6</sub> O <sub>3</sub> 138.12 69-72-7		2-hydroxybenzoic acid; phenol-2-carboxylic acid; salicylic acid	III/38b 2.1:3593; IV/8a 3.5.4,p.165
5117	C <sub>7</sub> H <sub>7</sub> BF <sub>2</sub> 139.94 768-39-8		difluoro- <i>p</i> -tolyl-borane	III/38b 2.1:3594
5118	C <sub>7</sub> H <sub>7</sub> Br 171.04 100-39-0		benzene, bromomethyl-; benzyl bromide; (bromomethyl)benzene; $\alpha$ -bromotoluene	III/38b 2.1:3595; IV/6 2.1.3:869; IV/8a 3.5.4,p.166; IV/16 2.1.7:1133; IV/20a 4.5:1229
5119	C <sub>7</sub> H <sub>7</sub> Br 171.04 591-17-3		1-bromo-3-methylbenzene; 3-bromotoluene; 3-methylbromobenzene; <i>m</i> -tolyl bromide	III/38b 2.1:3597; IV/6 2.1.3:871; IV/20a 4.5:1232
5120	C <sub>7</sub> H <sub>7</sub> Br 171.04 106-38-7		1-bromo-4-methylbenzene; 4-bromotoluene; <i>p</i> -bromotoluene; 4-methylphenyl bromide; <i>p</i> -tolyl bromide	III/38b 2.1:3598; IV/6 2.1.3:872; IV/8a 3.5.4,p.166; IV/16 2.1.7:1135; IV/20a 4.5:1230
5121	C <sub>7</sub> H <sub>7</sub> Br 171.04 95-46-5		1-bromo-2-methylbenzene; <i>o</i> -bromomethylbenzene; 2-bromotoluene; <i>o</i> -bromotoluene; 2-methylbromobenzene; <i>o</i> -tolyl bromide	III/38b 2.1:3596; IV/6 2.1.3:870; IV/8a 3.5.4,p.166; IV/16 2.1.7:1134; IV/20a 4.5:1231; Mixtures: IV/6 3.1:866
5122	C <sub>7</sub> H <sub>7</sub> BrO 187.04 104-92-7		1-bromo-4-methoxy-benzene; 4-bromoanisole	III/38b 2.1:3600; IV/6 2.1.3:874

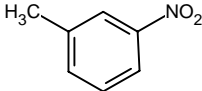
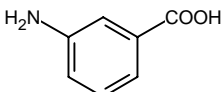
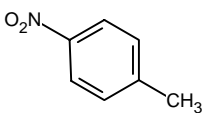
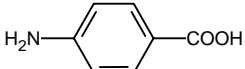
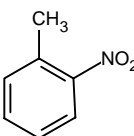
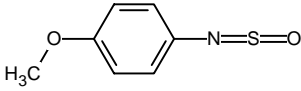
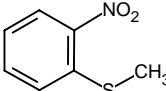
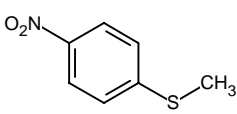
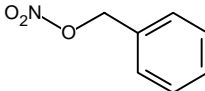
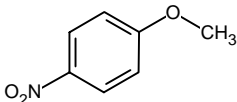
5123	C <sub>7</sub> H <sub>7</sub> BrO 187.04 578-57-4		1-bromo-2-methoxybenzene; 2-bromoanisole	III/38b 2.1:3599; IV/6 2.1.3:873
5124	C <sub>7</sub> H <sub>7</sub> BrO 187.04 6627-55-0		2-bromo-4-methylphenol	III/38b 2.1:3601
5125	C <sub>7</sub> H <sub>7</sub> BrS 203.11 14395-52-9		4-bromo-3-methylthiophenol	III/38b 2.1:3602; IV/6 2.1.3:875
5126	C <sub>7</sub> H <sub>7</sub> Cl 126.59 100-44-7		benzene, chloromethyl-; benzyl chloride; (chloromethyl)benzene; $\alpha$ -chlorotoluene	III/38b 2.1:3603; IV/6 2.1.3:859; IV/16 2.1.7:1136; IV/20a 4.5:1233; Mixtures: IV/6 3.1:627
5127	C <sub>7</sub> H <sub>7</sub> Cl 126.59 108-41-8		1-chloro-3-methylbenzene; 3-chlorotoluene; <i>m</i> -chlorotoluene	III/38b 2.1:3605; IV/6 2.1.3:861; IV/20a 4.5:1235
5128	C <sub>7</sub> H <sub>7</sub> Cl 126.59 106-43-4		benzene, 1-chloro-4-methyl-; 1-chloro-4-methylbenzene; 4-chlorotoluene; <i>p</i> -chlorotoluene	II/6 2.5:290; II/6 2.7.3:74; II/6 2.8:53; III/38b 2.1:3606; IV/6 2.1.3:862; IV/8a 3.5.4,p.167; IV/16 2.1.7:1137; IV/20a 4.5:1236
5129	C <sub>7</sub> H <sub>7</sub> Cl 126.59 95-49-8		1-chloro-2-methylbenzene; 2-chlorotoluene; <i>o</i> -chlorotoluene	II/19b 2.5.2:607; II/19c 2.7.4.2:201; III/38b 2.1:3604; IV/6 2.1.3:860; IV/8a 3.5.4,p.166; IV/20a 4.5:1234
5130	C <sub>7</sub> H <sub>7</sub> ClN <sub>2</sub> S 186.66 5344-82-1		1-(2-chlorophenyl)-2-thiourea; N-(2-chlorophenyl)-2-thiourea	IV/8a 3.5.4,p.167
5131	C <sub>7</sub> H <sub>7</sub> ClO 142.59 623-12-1		1-chloro-4-methoxybenzene; 4-chloroanisole	III/38b 2.1:3609; IV/6 2.1.3:863; IV/16 2.1.7:1139
5132	C <sub>7</sub> H <sub>7</sub> ClO 142.59 766-51-8		1-chloro-2-methoxybenzene; 2-chloroanisole; <i>o</i> -chloroanisole; 2-chloromethoxybenzene	III/38b 2.1:3607; IV/16 2.1.7:1138; IV/20a 4.5:1237
5133	C <sub>7</sub> H <sub>7</sub> ClO 142.59 2845-89-8		1-chloro-3-methoxybenzene	III/38b 2.1:3608
5134	C <sub>7</sub> H <sub>7</sub> ClO 142.59 6640-27-3		2-chloro-4-methylphenol	III/38b 2.1:3610

5135	C <sub>7</sub> H <sub>7</sub> ClO <sub>2</sub> S 190.65 98-59-9		4-methylbenzenesulfonyl chloride	IV/6 2.1.3:864; IV/16 2.1.7:1140
5136	C <sub>7</sub> H <sub>7</sub> ClO <sub>2</sub> S 190.65 133-59-5		toluene-2-sulfonyl chloride	III/38b 2.1:3611
5137	C <sub>7</sub> H <sub>7</sub> ClO <sub>3</sub> 174.59 4301-39-7		5-chloro-2-furancarboxylic acid ethyl ester	III/38b 2.1:3612
5138	C <sub>7</sub> H <sub>7</sub> ClO <sub>3</sub> S 206.65 98-68-0		4-methoxybenzenesulfonyl chloride	IV/6 2.1.3:865
5139	C <sub>7</sub> H <sub>7</sub> ClS 158.65 123-09-1		(4-chloro-phenyl)-methyl-sulfide; 4-chlorothioanisole	III/38b 2.1:3613; IV/6 2.1.3:866
5140	C <sub>7</sub> H <sub>7</sub> ClS 158.65 17178-00-6		4-chloro-2-methylthiophenol; 4-chloro-3-methyl-benzenethiol	III/38b 2.1:3614; IV/6 2.1.3:867
5141	C <sub>7</sub> H <sub>7</sub> Cl <sub>2</sub> N 176.05 102-49-8		3,4-dichloro-benzylamine	III/38b 2.1:3616
5142	C <sub>7</sub> H <sub>7</sub> Cl <sub>2</sub> N 176.05 95-00-1		2,4-dichloro-benzylamine	III/38b 2.1:3615
5143	C <sub>7</sub> H <sub>7</sub> Cl <sub>2</sub> NO <sub>2</sub> S <sub>2</sub> 272.17 33840-97-0		4-methylphenyl-sulfonyl-imidosulfurous dichloride	IV/6 2.1.3:868
5144	C <sub>7</sub> H <sub>7</sub> Cl <sub>3</sub> NO <sub>3</sub> PS 322.54 5598-13-0		chlorpyrifos-methyl; O,O-dimethyl O-(3,5,6-trichloro-2-pyridyl) thiophosphate	IV/8a 3.5.4,p.167
5145	C <sub>7</sub> H <sub>7</sub> Cl <sub>3</sub> Si 225.58 13835-81-9		trichloro-o-tolyl-silane	III/38a 2.1.5:372
5146	C <sub>7</sub> H <sub>7</sub> F 110.13 350-50-5		benzene, fluoromethyl-; benzyl fluoride; (fluoromethyl)benzene; $\alpha$ -fluorotoluene	III/38b 2.1:3617; IV/8a 3.5.4,p.167; IV/20a 4.5:1238

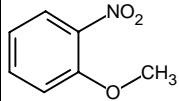
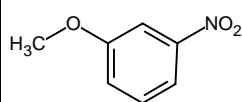
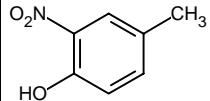
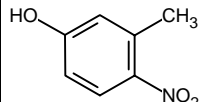
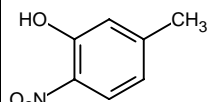
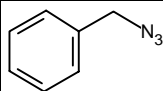
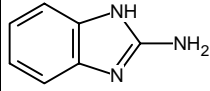
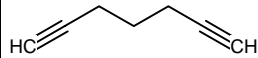
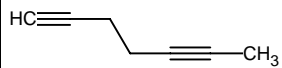
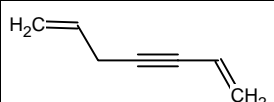
5147	C <sub>7</sub> H <sub>7</sub> F 110.13 352-70-5		benzene, 1-fluoro-3-methyl-; 1-fluoro-3-methylbenzene; 3-fluoromethylbenzene; 3-fluorotoluene; <i>m</i> -fluorotoluene	II/6 2.5:289; II/6 2.6.3:154; II/6 2.8:52; III/38b 2.1:3619; IV/6 2.1.3:857; IV/8a 3.5.4,p.167; IV/16 2.1.7:1141; IV/20a 4.5:1240
5148	C <sub>7</sub> H <sub>7</sub> F 110.13 352-32-9		benzene, 1-fluoro-4-methyl-; 1-fluoro-4-methylbenzene; 4-fluoromethylbenzene; <i>p</i> -fluoromethylbenzene; 4-fluorotoluene; <i>p</i> -fluorotoluene	II/4 2.5:187a; II/4 2.6:208a; II/4 2.8:34; II/19b 2.5.2:608; II/19c 2.8.3.2:95; III/38b 2.1:3620; IV/6 2.1.3:858; IV/8a 3.5.4,p.167; IV/16 2.1.7:1142; IV/20a 4.5:1241
5149	C <sub>7</sub> H <sub>7</sub> F 110.13 95-52-3		benzene, 2-fluoro-1-methyl-; 1-fluoro-2-methylbenzene; 2-fluoromethylbenzene; 2-fluorotoluene; <i>o</i> -fluorotoluene	II/6 2.5:288; II/6 2.8:51; II/14a 2.5.2:694; II/14a 2.8.2:57; III/38b 2.1:3618; IV/6 2.1.3:856; IV/20a 4.5:1239
5150	C <sub>7</sub> H <sub>7</sub> FO 126.13 456-49-5		1-fluoro-3-methoxybenzene	II/19b 2.5.2:610; III/38b 2.1:3622
5151	C <sub>7</sub> H <sub>7</sub> FO 126.13 459-60-9		1-fluoro-4-methoxybenzene	II/14a 2.5.2:713; III/38b 2.1:3623
5152	C <sub>7</sub> H <sub>7</sub> FO 126.13 446-51-5		2-fluorobenzenemethanol	II/19b 2.5.2:609
5153	C <sub>7</sub> H <sub>7</sub> FO 126.13 321-28-8		1-fluoro-2-methoxybenzene	III/38b 2.1:3621
5154	C <sub>7</sub> H <sub>7</sub> FS 142.20 371-15-3		1-fluoro-4-(methylthio)benzene	II/14a 2.5:714
5155	C <sub>7</sub> H <sub>7</sub> I 218.04 620-05-3		benzyl iodide; iodomethylbenzene; $\alpha$ -iodotoluene	III/38b 2.1:3624; IV/8a 3.5.4,p.167; IV/20a 4.5:1242
5156	C <sub>7</sub> H <sub>7</sub> I 218.04 625-95-6		3-iodo-toluene	III/38b 2.1:3626
5157	C <sub>7</sub> H <sub>7</sub> I 218.04 624-31-7		benzene, 1-iodo-4-methyl-; 1-iodo-4-methylbenzene; 4-iodotoluene; <i>p</i> -iodotoluene	III/38b 2.1:3627; IV/6 2.1.3:886; IV/8a 3.5.4,p.167; IV/16 2.1.7:1143

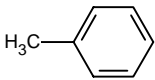

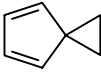
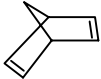

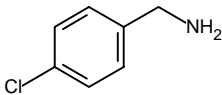
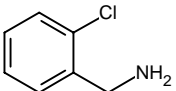
5158	C <sub>7</sub> H <sub>7</sub> I 218.04 615-37-2		2-iodo-toluene	III/38b 2.1:3625
5159	C <sub>7</sub> H <sub>7</sub> IO 234.04 696-62-8		1-iodo-4-methoxybenzene; 4-iodoanisole; <i>p</i> -iodoanisole	IV/20a 4.5:1243
5160	C <sub>7</sub> H <sub>7</sub> IrO <sub>4</sub> 347.33 14023-80-4		dicarbonyl(2,4-pentandione)iridium	IV/20a 4.5:1244
5161	C <sub>7</sub> H <sub>7</sub> N 105.14 100-69-6		2-vinylpyridine	III/38b 2.1:3628; IV/6 2.1.3:888
5162	C <sub>7</sub> H <sub>7</sub> N 105.14 100-43-6		4-ethenylpyridine; 4-vinylpyridine	II/14a 2.5.2:747; III/38b 2.1:3630; IV/6 2.1.3:889
5163	C <sub>7</sub> H <sub>7</sub> N 105.14 1121-55-7		3-vinyl-pyridine	III/38b 2.1:3629
5164	C <sub>7</sub> H <sub>7</sub> NO 121.14 103-70-8		formanilide	IV/16 2.1.7:1145
5165	C <sub>7</sub> H <sub>7</sub> NO 121.14 55-21-0		benzamide; benzenecarboxamide; benzoic acid, amide; benzoyl amide; phenylcarboxamide	IV/8a 3.5.4,p.167; IV/16 2.1.7:1144
5166	C <sub>7</sub> H <sub>7</sub> NO 121.14 1122-62-9		1-pyridin-2-yl-ethanone	III/38b 2.1:3631; IV/16 2.1.7:1146
5167	C <sub>7</sub> H <sub>7</sub> NO 121.14 1122-54-9		1-pyridin-4-yl-ethanone	III/38b 2.1:3633; IV/16 2.1.7:1148
5168	C <sub>7</sub> H <sub>7</sub> NO 121.14 350-03-8		1-pyridin-3-yl-ethanone	III/38b 2.1:3632; IV/16 2.1.7:1147
5169	C <sub>7</sub> H <sub>7</sub> NO 121.14 611-23-4		2-methyl-1-nitrosobenzene; 1-methyl-2-nitrosobenzene; 2-methylnitrosobenzene; 2-nitrosotoluene	IV/8a 3.5.4,p.168

5170	C <sub>7</sub> H <sub>7</sub> NO 121.14 623-11-0		4-methyl-1-nitrosobenzene; 1-methyl-4-nitrosobenzene; 4-methylnitrosobenzene; 4-nitrosotoluene	IV/8a 3.5.4,p.168
5171	C <sub>7</sub> H <sub>7</sub> NO 121.14 620-26-8		1-methyl-3-nitrosobenzene; <i>m</i> -methylnitrosobenzene; 3-nitrosotoluene; <i>m</i> -nitrosotoluene	IV/8a 3.5.4,p.168
5172	C <sub>7</sub> H <sub>7</sub> NOS 153.20 15795-42-3		4-methyl-N-sulfinyl aniline; N-sulfinyl- <i>p</i> -toluidine; N- <i>p</i> -tolyl-sulfur imide oxide	III/38b 2.1:3634; IV/6 2.1.3:882
5173	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 935-05-7		benzyl nitrite; nitrous acid benzyl ester	III/38b 2.1:3635; IV/6 2.1.3:876
5174	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 93-60-7		pyridine-3-carboxylic acid methyl ester	IV/16 2.1.7:1155
5175	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 622-46-8		carbamic acid phenyl ester	IV/16 2.1.7:1149
5176	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 2459-09-8		methyl pyridine-4-carboxylate; 4-pyridinecarboxylic acid methyl ester	III/38b 2.1:3640; IV/6 2.1.3:880; IV/16 2.1.7:1156
5177	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 622-42-4		nitromethyl-benzene	III/38b 2.1:3636
5178	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 2459-07-6		pyridine-2-carboxylic acid methyl ester	IV/16 2.1.7:1154
5179	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 118-92-3		2-aminobenzoic acid; <i>o</i> -aminobenzoic acid; anthranilic acid	IV/8a 3.5.4,p.168
5180	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 65-45-2		2-hydroxybenzamide; <i>o</i> -hydroxybenzamide; salicylamide	IV/8a 3.5.4,p.168; IV/16 2.1.7:1150

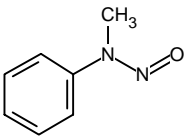
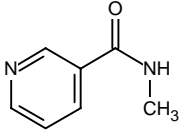
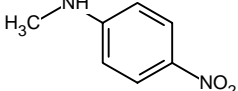
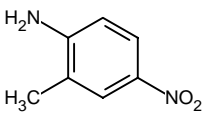
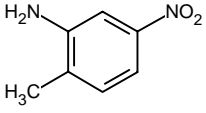
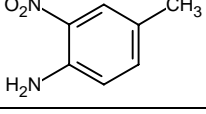
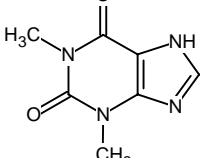
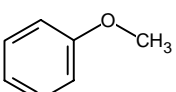
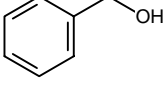
5181	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 99-08-1		benzene, 1-methyl-3-nitro-; 3-methyl-1-nitrobenzene; 1-methyl-3-nitrobenzene; 3-methylnitrobenzene; <i>m</i> -methylnitrobenzene; <i>m</i> -mononitrotoluene; 3-nitrotoluene; <i>m</i> -nitrotoluene	III/38b 2.1:3638; IV/6 2.1.3:878; IV/8a 3.5.4,p.168; IV/16 2.1.7:1152; Mixtures: III/38a 3.1:149, 166, 765, 809, 813-815, 819-821; IV/6 3.1:65, 118, 358, 629, 767, 821, 867, 982, 992, 1015
5182	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 99-05-8		3-aminobenzoic acid; <i>m</i> -aminobenzoic acid; benzoic acid, 3-amino-; 3-carboxyaniline	IV/8a 3.5.4,p.168
5183	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 99-99-0		benzene, 1-methyl-4-nitro-; 4-methyl-1-nitrobenzene; 1-methyl-4-nitrobenzene; 4-methylnitrobenzene; <i>p</i> -methylnitrobenzene; 4-nitrotoluene; <i>p</i> -nitrotoluene; 4-nitrotoluol	III/38b 2.1:3639; IV/6 2.1.3:879; IV/8a 3.5.4,p.168; IV/16 2.1.7:1153; Mixtures: III/38a 3.1:816-818; IV/6 3.1:630, 983, 993, 1016
5184	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 150-13-0		4-aminobenzoic acid; <i>p</i> -aminobenzoic acid; benzoic acid, 4-amino-	IV/8a 3.5.4,p.168
5185	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> 137.14 88-72-2		2-nitrotoluene	III/38b 2.1:3637; IV/6 2.1.3:877; IV/16 2.1.7:1151; Mixtures: III/38a 3.1:165, 764, 809-812; IV/6 3.1:64, 117, 357, 516, 628, 766, 867, 981, 991, 1014
5186	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> S 169.20 13165-69-0		4-methoxy-N-sulfinylaniline; N-sulfinyl- <i>p</i> -anisidine	III/38b 2.1:3643; IV/6 2.1.3:887
5187	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> S 169.20 3058-47-7		methyl-(2-nitro-phenyl)-sulfide	III/38b 2.1:3641
5188	C <sub>7</sub> H <sub>7</sub> NO <sub>2</sub> S 169.20 701-57-5		methyl-(4-nitro-phenyl)-sulfide; 4-nitrothioanisole	III/38b 2.1:3642; IV/6 2.1.3:881
5189	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 15285-42-4		nitric acid benzyl ester	III/38b 2.1:3645
5190	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 100-17-4		1-methoxy-4-nitrobenzene; 4-nitroanisole	II/14a 2.5.2:723; III/38b 2.1:3647; IV/6 2.1.3:885; IV/16 2.1.7:1159

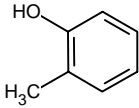
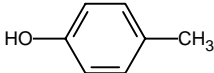
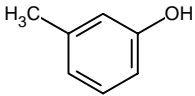
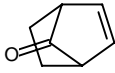
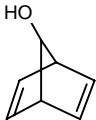
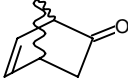
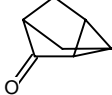
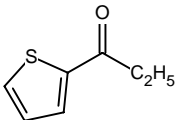


5191	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 91-23-6		2-nitroanisole	III/38b 2.1:3646; IV/6 2.1.3:883; IV/16 2.1.7:1157; Mixtures: IV/6 3.1:66, 359, 631
5192	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 555-03-3		3-nitroanisole	IV/6 2.1.3:884; IV/16 2.1.7:1158
5193	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 119-33-5		4-methyl-2-nitrophenol	III/38b 2.1:3644
5194	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 2581-34-2		3-hydroxy-6-nitrotoluene; 3-methyl-4-nitrophenol; 4-nitro-3-methylphenol; 4-nitro-5-methylphenol	IV/8a 3.5.4,p.169
5195	C <sub>7</sub> H <sub>7</sub> NO <sub>3</sub> 153.14 700-38-9		3-hydroxy-4-nitrotoluene; 5-methyl-2-nitrophenol; 6-nitro- <i>m</i> -cresol	IV/8a 3.5.4,p.169
5196	C <sub>7</sub> H <sub>7</sub> N <sub>3</sub> 133.15 622-79-7		benzyl azide	III/38b 2.1:3648
5197	C <sub>7</sub> H <sub>7</sub> N <sub>3</sub> 133.15 934-32-7		2-aminobenzimidazole; benzimidazole, 2-amino-	IV/8a 3.5.4,p.169
5198	C <sub>7</sub> H <sub>8</sub> 92.14 2396-63-6		hepta-1,6-diyne; 1,6-heptadiyne	III/38b 2.1:3653; IV/8c 5.1:1176; IV/8c 5.2:1203
5199	C <sub>7</sub> H <sub>8</sub> 92.14 764-56-7		hepta-1,5-diyne; 1,5-heptadiyne	III/38b 2.1:3652; IV/8c 5.2:1202
5200	C <sub>7</sub> H <sub>8</sub> 92.14 5150-80-1		hepta-1,6-dien-3-yne	III/38b 2.1:3651

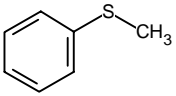
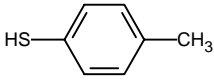
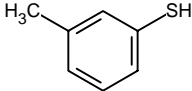
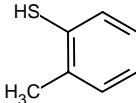
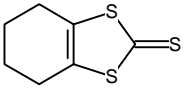
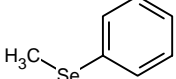
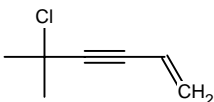
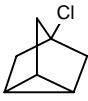
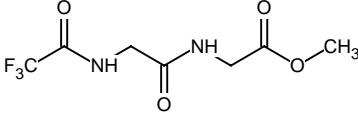
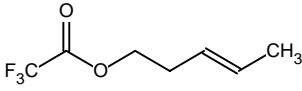
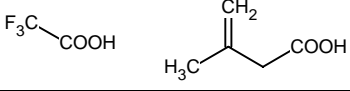
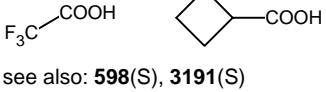
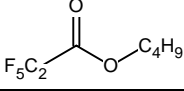
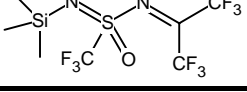
5201	C <sub>7</sub> H <sub>8</sub> 92.14 108-88-3	 see also: 4953(D)	methylbenzene; phenylmethane; toluene; toluol	II/6 2.5:283; II/6 2.6.3:151; II/6 2.8:50; II/14a 2.5.2:684; III/38b 2.1:3654; IV/6 2.1.3:890; IV/8a 3.5.4,p.169; IV/8e 2.1:2; IV/16 2.1.7:1160; IV/20a 2.1:141; Mixtures: III/38a 3.1:95, 131, 167, 192, 227, 268, 282, 293, 318, 353, 390, 406, 461, 497, 547, 566, 587, 603, 605, 632, 668-669, 704, 737, 746, 751, 758, 760, 766, 773, 780, 803, 822-838; IV/6 3.1:67, 632, 768, 822, 868-894, 933; IV/16 3.1.2:40; IV/16 3.1.4:125, 205, 240, 256, 286, 297, 320, 339, 375, 384, 398, 409, 442-445, 482, 511, 516, 522, 530, 542-543, 564, 571, 579, 598, 636, 645, 652, 672, 675, 677, 683, 685, 693
5202	C <sub>7</sub> H <sub>8</sub> 92.14 544-25-2		cyclohepta-1,3,5-triene; cycloheptatriene; 1,3,5-cycloheptatriene	II/4 2.5:188; II/4 2.6:210; II/19b 2.5.2:611; III/38b 2.1:3650; IV/8a 3.5.4,p.169; IV/8d 5.1:803; IV/20a 2.1:139
5203	C <sub>7</sub> H <sub>8</sub> 92.14 765-46-8		spiro[2.4]hepta-4,6-diene	II/14a 2.5.2:670; II/14a 2.6.3.2:334; II/19b 2.5.2:613
5204	C <sub>7</sub> H <sub>8</sub> 92.14 121-46-0		bicyclo[2.2.1]hepta-2,5-diene; 3,6-methano-1,4-cyclohexadiene; 2,5-norbornadiene; 8,9,10-trinorborna-2,5-diene	II/19b 2.5.2:612; II/19c 2.6.4.2:238; III/38b 2.1:3649; IV/8a 3.5.4,p.169; IV/20a 2.1:138
5205	C <sub>7</sub> H <sub>8</sub> 92.14 278-06-8		quadricyclane; [2.2.1.0 <sup>2,6</sup> .0 <sup>3,5</sup> ]quadricycloheptane; tetracyclo[3.2.0.0 <sup>2,7</sup> .0 <sup>4,6</sup> ]heptane	II/19b 2.5.2:614; II/19c 2.6.4.2:239; IV/20a 2.1:140
5206	C <sub>7</sub> H <sub>8</sub> ClN 141.60 104-86-9		4-chloro-benzylamine	III/38b 2.1:3657
5207	C <sub>7</sub> H <sub>8</sub> ClN 141.60 89-97-4		2-chloro-benzylamine	III/38b 2.1:3655

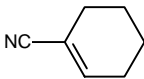
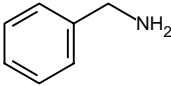
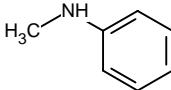
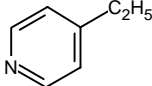
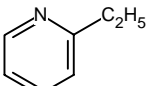
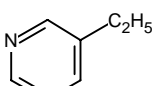
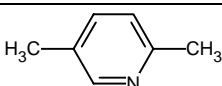
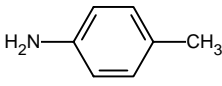
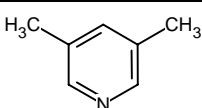
5208	C <sub>7</sub> H <sub>8</sub> ClN 141.60 932-32-1		2-chloro-N-methyl-aniline	III/38b 2.1:3658
5209	C <sub>7</sub> H <sub>8</sub> ClN 141.60 4152-90-3		3-chloro-benzylamine	III/38b 2.1:3656
5210	C <sub>7</sub> H <sub>8</sub> ClN 141.60 87-63-8		2-chloro-6-methyl-aniline	III/38b 2.1:3660
5211	C <sub>7</sub> H <sub>8</sub> ClN 141.60 615-65-6		2-chloro-4-methyl-aniline	III/38b 2.1:3659
5212	C <sub>7</sub> H <sub>8</sub> Cl <sub>2</sub> N <sub>2</sub> S 223.13 53014-25-8		cyanocyclohexenylimidosulfurous dichloride	IV/6 2.1.3:891
5213	C <sub>7</sub> H <sub>8</sub> Cl <sub>2</sub> Si 191.13 18173-99-4		benzyl-dichloro-silane; dichlorobenzylsilane	III/38a 2.1.5:373; IV/20a 4.5:1245
5214	C <sub>7</sub> H <sub>8</sub> Cl <sub>2</sub> Si 191.13 149-74-6		dichloromethylphenylsilane	III/38a 2.1.5:374; IV/20a 4.5:1246
5215	C <sub>7</sub> H <sub>8</sub> Cl <sub>2</sub> Si 191.13 13272-80-5		dichloro-4-tolylsilane	IV/20a 4.5:1247
5216	C <sub>7</sub> H <sub>8</sub> FN 125.15 459-59-6		4-fluoro-N-methylbenzenamine	II/14a 2.5.2:715
5217	C <sub>7</sub> H <sub>8</sub> FN 125.15 1978-37-6		3-fluoro-N-methylbenzenamine	II/14a 2.5.2:705
5218	C <sub>7</sub> H <sub>8</sub> F <sub>2</sub> Si 158.23 328-57-4		difluoromethylphenylsilane; methylphenylsilane difluoride	III/38a 2.1.5:375; IV/20a 4.5:1248; Mixtures: III/38a 3.1:193, 371, 527, 681, 689, 806, 839
5219	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O 136.15 84375-85-9		N-nitroso-benzylamine	IV/16 2.1.7:1162
5220	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O 136.15 64-10-8		phenylurea; urea, phenyl-	IV/8a 3.5.4,p.170

5221	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O 136.15 614-00-6		N-methyl-N-nitrosoaniline	II/19b 2.5.2:615; IV/16 2.1.7:1161
5222	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O 136.15 114-33-0		N-methyl nicotinamide	Mixtures: IV/6 3.1:361
5223	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> 152.15 100-15-2		N-methyl-4-nitro-aniline	IV/16 2.1.7:1163
5224	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> 152.15 99-52-5		2-methyl-4-nitro-aniline	IV/16 2.1.7:1164
5225	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> 152.15 570-24-1		2-methyl-6-nitro-aniline	IV/16 2.1.7:1165
5226	C <sub>7</sub> H <sub>8</sub> N <sub>2</sub> O <sub>2</sub> 152.15 89-62-3		4-methyl-2-nitro-aniline	IV/16 2.1.7:1166
5227	C <sub>7</sub> H <sub>8</sub> N <sub>4</sub> O <sub>2</sub> 180.17 58-55-9		3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione; 1,3-dimethylxanthine; elixophylline; euphyllong; lanophyllin; liquophylline; optiphyllin; parkophyllin; pseudotheophylline	IV/8a 3.5.4,p.170
5228	C <sub>7</sub> H <sub>8</sub> O 108.14 100-66-3		anisole; anisole; methoxybenzene; methyl phenyl ether; phenoxymethane; phenyl methyl ether	II/19b 2.5.2:616; III/38b 2.1:3661; IV/6 2.1.3:892; IV/8a 3.5.4,p.171; IV/16 2.1.7:1168; Mixtures: III/38a 3.1:705, 847, 851; IV/6 3.1:69, 155, 634, 895, 994, 1053; IV/16 3.1.2:41; IV/16 3.1.4:126, 145, 355, 483
5229	C <sub>7</sub> H <sub>8</sub> O 108.14 100-51-6		benzenecarbinol; benzenemethanol; benzyl alcohol; (hydroxymethyl)benzene; $\alpha$ -hydroxytoluene; phenylcarbinol; phenylmethanol; phenylmethyl alcohol	III/38b 2.1:3662; IV/6 2.1.3:893; IV/8a 3.5.4,p.170; IV/16 2.1.7:1167; Mixtures: III/38a 3.1:96; IV/6 3.1:68, 498, 633, 769, 840; IV/16 3.1.4:222, 287, 599, 697

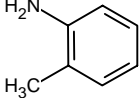
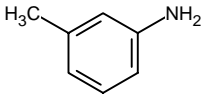
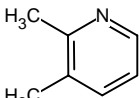
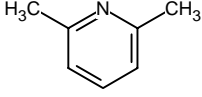
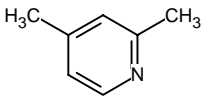
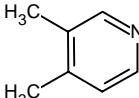
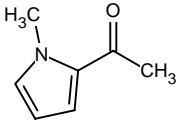
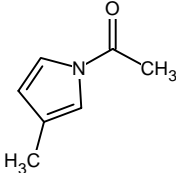
<b>5230</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 95-48-7		o-cresol; o-cresol; 1-hydroxy-2-methylbenzene; o-hydroxytoluene; 2-methylphenol	III/38b 2.1:3663; IV/6 2.1.3:894; IV/8a 3.5.4,p.170; IV/16 2.1.7:1169; Mixtures: III/38a 3.1:588, 633, 706, 747, 752, 822, 841, 844, 848; IV/6 3.1:635, 952; IV/16 3.1.4:223, 321, 356, 484, 600, 676, 683
<b>5231</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 106-44-5		p-cresol; 1-hydroxy-4-methylbenzene; p-hydroxytoluene; 4-methylphenol	III/38b 2.1:3665; IV/6 2.1.3:896; IV/8a 3.5.4,p.171; IV/16 2.1.7:1171; Mixtures: III/38a 3.1:590, 635, 754, 824, 840, 843, 846, 850; IV/6 3.1:360, 636, 770, 954; IV/16 3.1.4:323, 358, 486, 602
<b>5232</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 108-39-4		m-cresol; 1-hydroxy-3-methylbenzene; m-hydroxytoluene; 3-methylphenol	III/38b 2.1:3664; IV/6 2.1.3:895; IV/8a 3.5.4,p.170; IV/16 2.1.7:1170; Mixtures: III/38a 3.1:589, 634, 690, 707, 748, 753, 823, 842, 845, 849; IV/6 3.1:418, 436, 497, 693, 703, 897, 953, 1024, 1027, 1062; IV/16 3.1.4:322, 357, 485, 601, 694, 696
<b>5233</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 694-71-3		bicyclo[2.2.1]hept-2-en-7-one	II/14a 2.5.2:667; II/14a 2.6.3.2:331
<b>5234</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 822-80-0		bicyclo[2.2.1]hepta-2,5-dien-7-ol	II/19b 2.5.2:617; II/19c 2.6.4.2:240
<b>5235</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 51736-74-4		bicyclo[2.2.1]hept-2-en-5-one	II/14a 2.5.2:664; II/14a 2.6.3.2:329
<b>5236</b>	C <sub>7</sub> H <sub>8</sub> O 108.14 695-05-6		tricyclo[2.2.1.0 <sup>2,6</sup> ]heptan-3-one	II/14a 2.5.2:566
<b>5237</b>	C <sub>7</sub> H <sub>8</sub> OS 140.21 13679-75-9		1-(thiophen-2-yl)propan-1-one	IV/16 2.1.7:1172

5238	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> 124.14 3194-15-8		1-furan-2-yl-propan-1-one	III/38b 2.1:3666
5239	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> 124.14 150-76-5		4-methoxyphenol	IV/6 2.1.3:899; IV/16 2.1.7:1175
5240	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> 124.14 150-19-6		3-methoxyphenol	III/38b 2.1:3668; IV/6 2.1.3:898; IV/16 2.1.7:1174
5241	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> 124.14 90-05-1		2-methoxyphenol	III/38b 2.1:3667; IV/6 2.1.3:897; IV/16 2.1.7:1173; Mixtures: III/38a 3.1:591, 636, 708, 749, 755, 825, 852-854; IV/16 3.1.4:324, 359, 487, 603
5242	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> 124.14 452-86-8		4-methyl-benzene-1,2-diol	III/38b 2.1:3669
5243	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> S 156.21 2810-04-0		ethyl thiophene-2-carboxylate; thiophene-2-carboxylic acid ethyl ester	III/38b 2.1:3670; IV/6 2.1.3:901; IV/16 2.1.7:1176
5244	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> S 156.21 3112-85-4		methyl phenyl sulfone	IV/6 2.1.3:900
5245	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> S 156.21 52911-98-5		6-methyl-4-methoxy-2H-pyran-2-thion	IV/20a 3.2:388
5246	C <sub>7</sub> H <sub>8</sub> O <sub>2</sub> S 156.21 52911-99-6		2-methyl-6-(methylthio)-4H-pyran-4-one; 4H-pyran-4-one, 2-methyl-6-(methylthio)-	IV/20a 3.2:387
5247	C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> 140.14 623-17-6		2-acetoxymethyl-furan; 2-furfuryl acetate	III/38b 2.1:3671; IV/6 2.1.3:902
5248	C <sub>7</sub> H <sub>8</sub> O <sub>3</sub> 140.14 614-99-3		ethyl furan-2-carboxylate; furan-2-carboxylic acid ethyl ester	III/38b 2.1:3672; IV/6 2.1.3:903
5249	C <sub>7</sub> H <sub>8</sub> S 124.21 100-53-8		benzenemethanethiol; benzyl mercaptan; benzylthiol; (mercaptomethyl)benzene; $\alpha$ -mercaptotoluene; phenylmethanethiol	III/38b 2.1:3676; IV/6 2.1.3:904; IV/20a 3.2:393

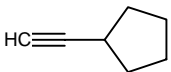


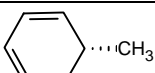
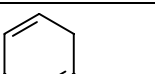
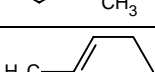
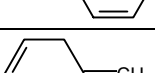







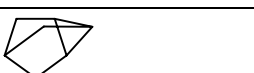
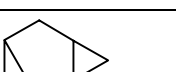
5250	C <sub>7</sub> H <sub>8</sub> S 124.21 100-68-5		methyl phenyl sulfide; (methylthio)benzene; 1-phenyl-1-thiaethane; phenyl methyl sulfide; thioanisole	III/38b 2.1:3675; IV/6 2.1.3:906; IV/8a 3.5.4,p.171; IV/16 2.1.7:1177; IV/20a 3.2:392
5251	C <sub>7</sub> H <sub>8</sub> S 124.21 106-45-6		(4-methyl)thiophenol; 4-methylbenzenethiol; 4-methylphenylmercaptan; <i>p</i> -thiocresol; 4-toluenethiol	IV/6 2.1.3:905; IV/20a 3.2:391
5252	C <sub>7</sub> H <sub>8</sub> S 124.21 108-40-7		3-methylbenzenethiol; <i>m</i> -methylthiophenol; 3-thiocresol; <i>m</i> -thiocresol; <i>m</i> -toluenethiol	III/38b 2.1:3674; IV/20a 3.2:390
5253	C <sub>7</sub> H <sub>8</sub> S 124.21 137-06-4		2-methylbenzenethiol; 2-methylthiophenol; <i>o</i> -thiocresol; <i>o</i> -toluenethiol	III/38b 2.1:3673; IV/20a 3.2:389
5254	C <sub>7</sub> H <sub>8</sub> S <sub>3</sub> 188.33 698-42-0		4,5,6,7-tetrahydro-1,3-benzodithiol-2-thione	IV/20a 3.2:394
5255	C <sub>7</sub> H <sub>8</sub> Se 171.10 4346-64-9		methyl phenyl selenide	IV/20a 3.3:38
5256	C <sub>7</sub> H <sub>9</sub> Cl 128.60 819-44-3		5-chloro-5-methyl-hex-1-en-3-yne	III/38b 2.1:3677
5257	C <sub>7</sub> H <sub>9</sub> Cl 128.60 17294-44-9		4-chlorotricyclo[2.2.1.0 <sup>2,6</sup> ]heptane	II/6 2.4:83a; II/6 2.7.2:29a; II/14a 2.4.2:95; II/14a 2.7.2.2:40
5258	C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> N <sub>2</sub> O <sub>4</sub> 242.16 433-33-0		N-[N-(trifluoroacetyl)glycyl]glycine methyl ester	IV/20a 4.5:1249
5259	C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>2</sub> 182.14 65909-64-0		3-pentenyl trifluoroacetate	II/14a 2.5.2:337
5260	C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>4</sub> 214.14		trifluoroacetic acid-isobutenecarboxylic acid (1/1)	II/14a 2.5.2:578; II/14a 2.6.3.2:283
5261	C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> O <sub>4</sub> 214.14	 see also: 598(S), 3191(S)	trifluoroacetic acid-cyclobutanecarboxylic acid (1/1)	II/14a 2.5.2:580
5262	C <sub>7</sub> H <sub>9</sub> F <sub>5</sub> O <sub>2</sub> 220.14 680-28-4		butyl pentafluoropropanoate; butyl pentafluoropropionate; propanoic acid, pentafluoro-, butyl ester	IV/20a 4.5:1250
5263	C <sub>7</sub> H <sub>9</sub> F <sub>3</sub> N <sub>2</sub> OSSi 368.30 62609-67-0		1,1,1-trifluoro-N-[2,2,2-trifluoro-1-(trifluoromethane)-sulfonamide	IV/20a 3.2:395; IV/20a 4.5:1251

5264	C <sub>7</sub> H <sub>9</sub> N 107.16 1855-63-6		1-cyanocyclohexene	II/19b 2.5.2:618; II/19c 2.7.4.2:202
5265	C <sub>7</sub> H <sub>9</sub> N 107.16 100-46-9		benzylamine	III/38b 2.1:3678; IV/6 2.1.3:912; IV/16 2.1.7:1178; Mixtures: III/38a 3.1:446, 670-671, 826, 840, 852, 855
5266	C <sub>7</sub> H <sub>9</sub> N 107.16 100-61-8		N-methylaniline	II/14a 2.5.2:680; III/38b 2.1:3688; IV/6 2.1.3:917; IV/16 2.1.7:1187; Mixtures: III/38a 3.1:175, 319, 498, 626, 841-843, 856; IV/6 3.1:453, 896-897; IV/16 3.1.4:154, 446, 580, 604, 637
5267	C <sub>7</sub> H <sub>9</sub> N 107.16 536-75-4		4-ethylpyridine	III/38b 2.1:3687; IV/6 2.1.3:916; IV/16 2.1.7:1186
5268	C <sub>7</sub> H <sub>9</sub> N 107.16 100-71-0		2-ethylpyridine	III/38b 2.1:3685; IV/6 2.1.3:915; IV/16 2.1.7:1184
5269	C <sub>7</sub> H <sub>9</sub> N 107.16 536-78-7		3-ethylpyridine	III/38b 2.1:3686; IV/16 2.1.7:1185
5270	C <sub>7</sub> H <sub>9</sub> N 107.16 589-93-5		2,5-dimethylpyridine; 2,5-lutidine	III/38b 2.1:3681; IV/8a 3.5.4,p.172; IV/16 2.1.7:1181
5271	C <sub>7</sub> H <sub>9</sub> N 107.16 106-49-0		4-aminotoluene; <i>p</i> -aminotoluene; 4-methylaniline; 4-methylbenzenamine; 4-methylphenylamine; 4-toluidine; <i>p</i> -toluidine	III/38b 2.1:3691; IV/6 2.1.3:920; IV/8a 3.5.4,p.173; IV/16 2.1.7:1190; Mixtures: III/38a 3.1:448, 672-673; IV/6 3.1:365, 640, 771; IV/16 3.1.4:606
5272	C <sub>7</sub> H <sub>9</sub> N 107.16 591-22-0		3,5-dimethylpyridine; 3,5-lutidine	III/38b 2.1:3684; IV/8a 3.5.4,p.172; IV/16 2.1.7:1183



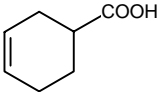
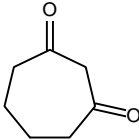
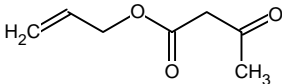
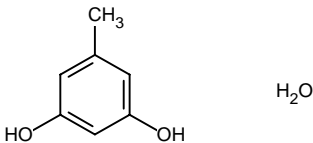
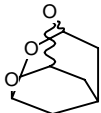
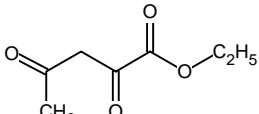
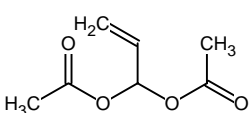
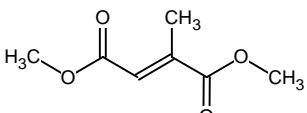
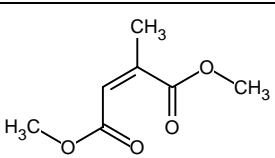
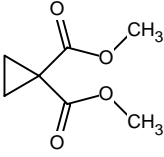

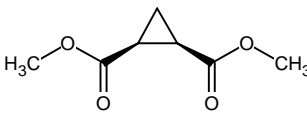
5273	C <sub>7</sub> H <sub>9</sub> N 107.16 95-53-4		2-amino-1-methylbenzene; 1-amino-2-methylbenzene; 2-aminotoluene; 2-methyl-1-aminobenzene; 2-methylaniline; 2-methylbenzenamine; 2-methylphenylamine; 2-toluidine; <i>o</i> -tolylamine	III/38b 2.1:3689; IV/6 2.1.3:918; IV/8a 3.5.4,p.172; IV/16 2.1.7:1188; Mixtures: III/38a 3.1:176, 320, 354, 407, 447, 499; IV/6 3.1:364, 638; IV/16 3.1.4:155, 288, 376, 447, 605, 646, 666, 685, 694
5274	C <sub>7</sub> H <sub>9</sub> N 107.16 108-44-1		1-amino-3-methylbenzene; 3-aminotoluene; <i>m</i> -aminotoluene; benzeneamine, 3-methyl-; 3-methylaniline; 3-methylbenzenamine; 3-toluidine; <i>m</i> -toluidine	III/38b 2.1:3690; IV/6 2.1.3:919; IV/8a 3.5.4,p.173; IV/16 2.1.7:1189; Mixtures: III/38a 3.1:177, 321, 355, 408, 500; IV/6 3.1:363, 639; IV/16 3.1.4:156, 289, 377, 448
5275	C <sub>7</sub> H <sub>9</sub> N 107.16 583-61-9		2,3-dimethylpyridine; 2,3-lutidine	III/38b 2.1:3679; IV/8a 3.5.4,p.171; IV/16 2.1.7:1179
5276	C <sub>7</sub> H <sub>9</sub> N 107.16 108-48-5		2,6-dimethylpyridine; 2,6-lutidine	III/38b 2.1:3682; IV/6 2.1.3:914; IV/8a 3.5.4,p.172; IV/16 2.1.7:1182; Mixtures: III/38a 3.1:269; IV/16 3.1.3:97
5277	C <sub>7</sub> H <sub>9</sub> N 107.16 108-47-4		2,4-dimethylpyridine; $\alpha,\gamma$ -dimethylpyridine; 2,4-lutidine	III/38b 2.1:3680; IV/6 2.1.3:913; IV/8a 3.5.4,p.171; IV/16 2.1.7:1180; Mixtures: III/38a 3.1:57
5278	C <sub>7</sub> H <sub>9</sub> N 107.16 583-58-4		3,4-dimethylpyridine; 3,4-lutidine	III/38b 2.1:3683; IV/8a 3.5.4,p.172
5279	C <sub>7</sub> H <sub>9</sub> NO 123.16 932-16-1		1-(1-methyl-pyrrol-2-yl)-ethanone	III/38b 2.1:3697
5280	C <sub>7</sub> H <sub>9</sub> NO 123.16 823-75-6		1-(3-methyl-pyrrol-1-yl)-ethanone	III/38b 2.1:3696

5281	C <sub>7</sub> H <sub>9</sub> NO 123.16 90-04-0		2-methoxy-benzenamine; 2-methoxyaniline	III/38b 2.1:3693; IV/6 2.1.3:907; IV/16 2.1.7:1191; Mixtures: IV/6 3.1:362, 637
5282	C <sub>7</sub> H <sub>9</sub> NO 123.16 536-90-3		3-methoxy-benzenamine; 3-methoxyaniline	III/38b 2.1:3694; IV/6 2.1.3:908; IV/16 2.1.7:1192
5283	C <sub>7</sub> H <sub>9</sub> NO 123.16 104-94-9		4-methoxy-benzenamine; 4-methoxyaniline	III/38b 2.1:3695; IV/6 2.1.3:909; IV/16 2.1.7:1193
5284	C <sub>7</sub> H <sub>9</sub> NO 123.16 1073-23-0		2,6-dimethylpyridine-1-oxide	III/38b 2.1:3692; IV/6 2.1.3:910
5285	C <sub>7</sub> H <sub>9</sub> NO <sub>2</sub> S 171.22 5183-78-8		N-methylbenzenesulfonamide	III/38b 2.1:3698; IV/6 2.1.3:911
5286	C <sub>7</sub> H <sub>9</sub> NS 139.22 104-96-1		4-methylsulfanyl-aniline	III/38b 2.1:3699
5287	C <sub>7</sub> H <sub>10</sub> 94.16 17679-93-5		<i>trans,trans</i> -hepta-1,3,5-triene; ( <i>E,E</i> )-1,3,5-heptatriene; <i>trans-trans</i> -1,3,5-heptatriene	III/38b 2.1:3703; IV/8c 5.1:1177
5288	C <sub>7</sub> H <sub>10</sub> 94.16 2196-23-8		hepta-1,3,5-triene	III/38b 2.1:3705
5289	C <sub>7</sub> H <sub>10</sub> 94.16 24587-25-5		<i>trans,cis</i> -hepta-1,3,5-triene; ( <i>E,Z</i> )-1,3,5-heptatriene	III/38b 2.1:3704; IV/8c 5.1:1178
5290	C <sub>7</sub> H <sub>10</sub> 94.16 30915-44-7		<i>cis,cis</i> -hepta-1,3,5-triene	III/38b 2.1:3702
5291	C <sub>7</sub> H <sub>10</sub> 94.16 2384-73-8		hept-1-en-3-yne	III/38b 2.1:3701
5292	C <sub>7</sub> H <sub>10</sub> 94.16 14272-54-9		3-ethyl-pent-3-en-1-yne	III/38b 2.1:3700
5293	C <sub>7</sub> H <sub>10</sub> 94.16 62839-54-7		3-methyl-3-hexen-1-yne	IV/8c 5.1:1179
5294	C <sub>7</sub> H <sub>10</sub> 94.16 22516-12-7		cyclopentadiene, 2-ethyl-; 2-ethyl-1,3-cyclopentadiene; 2-ethylcyclopentadiene	IV/8d 4.2.1:681
5295	C <sub>7</sub> H <sub>10</sub> 94.16 28638-58-6		cyclopentene, 1-ethenyl-; 1-ethenylcyclopentene	IV/8d 4.2.1:680

5296	C <sub>7</sub> H <sub>10</sub> 94.16 930-51-8		cyclopentylacetylene; cyclopentylethyne; ethynylcyclopentane	II/19b 2.5.2:620; IV/8d 4.2.1:682
5297	C <sub>7</sub> H <sub>10</sub> 94.16 116781-86-3		(±)-5-methyl-cyclohexa-1,3-diene	III/38b 2.1:3707
5298	C <sub>7</sub> H <sub>10</sub> 94.16 19656-98-5		5-methyl-1,3-cyclohexadiene; 5-methyl-cyclohexa-1,3-diene	III/38b 2.1:3708; IV/8d 4.2.2:685
5299	C <sub>7</sub> H <sub>10</sub> 94.16 78939-20-5		1,3-cyclohexadiene, 5-methyl-, (R)-; (R)-5-methyl-1,3-cyclohexadiene; (+)-5-methyl-cyclohexa-1,3-diene	III/38b 2.1:3706; IV/8d 4.2.2:686
5300	C <sub>7</sub> H <sub>10</sub> 94.16 4313-57-9		2,5-dihydrotoluene; 1-methyl-1,4-cyclohexadiene; 2-methyl-1,4-cyclohexadiene	IV/8d 4.2.2:683
5301	C <sub>7</sub> H <sub>10</sub> 94.16 1489-57-2		4,5-dihydrotoluene; 2-methyl-1,3-cyclohexadiene	IV/8d 4.2.2:684
5302	C <sub>7</sub> H <sub>10</sub> 94.16 13407-18-6		4-methylenecyclohexene	II/19b 2.5.2:621
5303	C <sub>7</sub> H <sub>10</sub> 94.16 6577-10-2		1,2-cycloheptadiene	IV/8d 4.2.3:687
5304	C <sub>7</sub> H <sub>10</sub> 94.16 4054-38-0		1,3-cycloheptadiene	II/14a 2.5.2:658; II/14a 2.6.3.2:325; IV/8d 4.2.3:688
5305	C <sub>7</sub> H <sub>10</sub> 94.16 16554-83-9		bicyclo[4.1.0]hept-3-ene; 3-norcarene; δ3-norcarene	IV/20a 2.1:143
5306	C <sub>7</sub> H <sub>10</sub> 94.16 4927-03-1		bicyclo[3.2.0]hept-6-ene	II/14a 2.5.2:666; II/14a 2.6.3.2:330; II/19b 2.5.2:619
5307	C <sub>7</sub> H <sub>10</sub> 94.16 498-66-8		bicyclo[2.2.1]-2-heptene; norbornene; norbornylene; norcamphene; 8,9,10-trinor-2-bornene	II/14a 2.5.2:663; II/14a 2.6.3.2:328; IV/8f 5.2.1:668; IV/20a 2.1:142; Mixtures: III/38a 3.1:709, 827, 857, 858
5308	C <sub>7</sub> H <sub>10</sub> 94.16 279-19-6		nortricyclen; nortricyclene; tricyclo[2, 2, 1, 0 <sup>(2,6)</sup> ] heptane	IV/20a 2.1:144, 145
5309	C <sub>7</sub> H <sub>10</sub> 94.16 187-26-8		tricyclo[4.1.0.0 <sup>(2,4)</sup> ]heptane	IV/20a 2.1:146
5310	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> 122.17 646-20-8		heptanedinitrile	III/38b 2.1:3709; IV/16 2.1.7:1194
5311	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> 122.17 618-40-6		1-methyl-1-phenylhydrazine; N-methyl-N-phenyl-hydrazine	III/38b 2.1:3710; IV/6 2.1.3:921

5312	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> 122.17 1122-58-3		N,N-dimethyl-4-aminopyridine	II/19b 2.5.2:622
5313	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O 138.17 25926-99-2		6,7-diazatricyclo[3.2.2.0 <sup>2,4</sup> ]non-6-ene N-oxide	IV/8a 3.5.4,p.173
5314	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> 154.17 4401-71-2		1,3-dimethylthymine; 1,3,5-trimethyl-2,4(1H,3H)-pyrimidinedione; 1,2,5-trimethyluracil	IV/8a 3.5.4,p.173
5315	C <sub>7</sub> H <sub>10</sub> N <sub>2</sub> O <sub>2</sub> 154.17 13509-52-9		1,3,6-trimethyl-2,4(1H,3H)-pyrimidinedione; 1,3,6-trimethyluracil	IV/8a 3.5.4,p.174
5316	C <sub>7</sub> H <sub>10</sub> O 110.16 4229-91-8		2-propyl-furan	III/38b 2.1:3718
5317	C <sub>7</sub> H <sub>10</sub> O 110.16 1192-88-7		cyclohexene-1-carboxaldehyde	III/38b 2.1:3711
5318	C <sub>7</sub> H <sub>10</sub> O 110.16 100-50-5		cyclohex-3-enecarbaldehyde	III/38b 2.1:3712
5319	C <sub>7</sub> H <sub>10</sub> O 110.16 7214-50-8		(±)-5-methyl-cyclohex-2-enone	III/38b 2.1:3716
5320	C <sub>7</sub> H <sub>10</sub> O 110.16 54307-74-3		(R)-5-methyl-cyclohex-2-enone	III/38b 2.1:3717
5321	C <sub>7</sub> H <sub>10</sub> O 110.16 5515-76-4		4-methyl-cyclohex-2-enone	III/38b 2.1:3715
5322	C <sub>7</sub> H <sub>10</sub> O 110.16 1193-18-6		3-methyl-cyclohex-2-enone	III/38b 2.1:3714
5323	C <sub>7</sub> H <sub>10</sub> O 110.16 1121-18-2		2-methyl-cyclohex-2-enone	III/38b 2.1:3713
5324	C <sub>7</sub> H <sub>10</sub> O 110.16 1121-66-0		2-cyclohepten-1-one	II/14a 2.5.2:656; II/14a 2.6.3.2:323
5325	C <sub>7</sub> H <sub>10</sub> O 110.16 29268-42-6		bicyclo[2.2.1]heptan-2-one	II/14a 2.5.2:563; II/14a 2.6.3.2:274

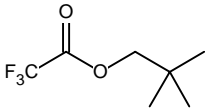
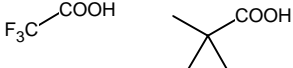
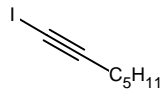
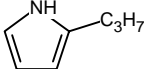
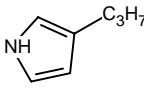
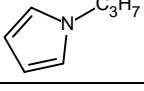
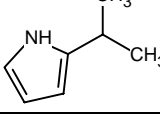
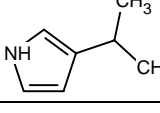
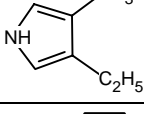
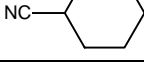
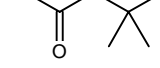
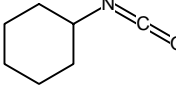
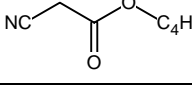
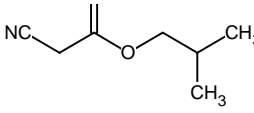
5326	C <sub>7</sub> H <sub>10</sub> O 110.16 10218-02-7		bicyclo[2.2.1]heptan-7-one	II/14a 2.5.2:571; II/14a 2.6.3.2:278
5327	C <sub>7</sub> H <sub>10</sub> O 110.16 278-74-0		3-oxatricyclo[3.2.1.0 <sup>2,4</sup> ]octane	II/14a 2.5.2:564
5328	C <sub>7</sub> H <sub>10</sub> OS 142.22 20905-98-0		3-(thiophen-2-yl)propan-1-ol	IV/16 2.1.7:1195
5329	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 1515-80-6		hexa-2,4-dienoic acid methyl ester	III/38b 2.1:3726
5330	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 689-89-4		hexa-2,4-dienoic acid methyl ester	III/38b 2.1:3730
5331	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 30361-31-0		<i>trans,cis</i> -hexa-2,4-dienoic acid methyl ester	III/38b 2.1:3727
5332	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 6932-46-3		<i>cis,trans</i> -hexa-2,4-dienoic acid methyl ester	III/38b 2.1:3728
5333	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 53892-48-1		<i>cis,cis</i> -hexa-2,4-dienoic acid methyl ester	III/38b 2.1:3729
5334	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 20474-93-5		but-2-enoic acid allyl ester	III/38b 2.1:3720
5335	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 63093-41-4		pent-4-ynoic acid ethyl ester	IV/16 2.1.7:1197
5336	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 1932-93-0		butanoic acid prop-2-ynyl ester	III/38b 2.1:3719; IV/16 2.1.7:1196
5337	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 5453-44-1		<i>trans</i> -but-2-enoic acid allyl ester	III/38b 2.1:3721
5338	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 6270-56-0		ethyl furfuryl ether	III/38b 2.1:3725
5339	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 636-82-8		cyclohex-1-enecarboxylic acid	III/38b 2.1:3723

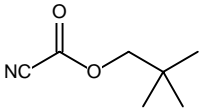
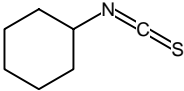

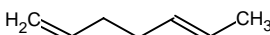
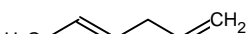
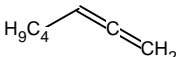
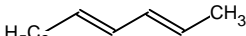
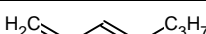
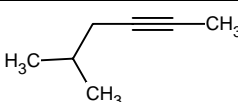
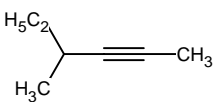
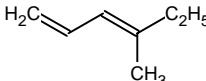
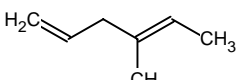
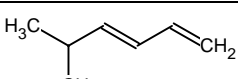
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5341	C <sub>7</sub> H <sub>10</sub> O <sub>2</sub> 126.16 1194-18-9		cycloheptane-1,3-dione	III/38b 2.1:3722
5342	C <sub>7</sub> H <sub>10</sub> O <sub>3</sub> 142.16 1118-84-9		3-oxo-butyl allyl ester	III/38b 2.1:3731
5343	C <sub>7</sub> H <sub>10</sub> O <sub>3</sub> 142.16 6153-39-5		3,5-dihydroxytoluene, monohydrate; resorcinol, 5-methyl-, monohydrate; resorcinol monohydrate	IV/8a 3.5.4,p.174
5344	C <sub>7</sub> H <sub>10</sub> O <sub>3</sub> 142.16 281-32-3		2,4,9-trioxatricyclo[3.3.1.1 <sup>3,7</sup> ]decane	II/14a 2.4.2:94; II/14a 2.6.2:66
5345	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 615-79-2		2,4-dioxo-pentanoic acid ethyl ester	III/38b 2.1:3736
5346	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 869-29-4		3,3-diacetoxy-propene	III/38b 2.1:3735
5347	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 617-53-8		<i>trans</i> -2-methyl-but-2-enoic acid dimethyl ester; methylfumaric acid dimethyl ester	III/38b 2.1:3737; IV/16 2.1.7:1200
5348	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 617-54-9		<i>cis</i> -2-methyl-but-2-enoic acid dimethyl ester; methylmaleic acid dimethyl ester	III/38b 2.1:3738; IV/16 2.1.7:1199
5349	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 6914-71-2		cyclopropane-1,1-dicarboxylic acid dimethyl ester	IV/16 2.1.7:1198
5350	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 702-28-3		cyclopropane-1,2-dicarboxylic acid dimethyl ester	III/38b 2.1:3734
5351	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 826-34-6		cyclopropane- <i>cis</i> -1,2-dicarboxylic acid dimethyl ester	III/38b 2.1:3733

5352	C <sub>7</sub> H <sub>10</sub> O <sub>4</sub> 158.15 826-35-7		cyclopropane- <i>trans</i> -1,2-dicarboxylic acid dimethyl ester	III/38b 2.1:3732
5353	C <sub>7</sub> H <sub>10</sub> S 126.22 1551-27-5		2-propylthiophene	III/38b 2.1:3739; IV/16 2.1.7:1201; IV/20a 3.2:397
5354	C <sub>7</sub> H <sub>10</sub> S 126.22 1518-75-8		3-propylthiophene	III/38b 2.1:3740
5355	C <sub>7</sub> H <sub>10</sub> S 126.22 4095-22-1		2-isopropylthiophene; 2-(1-methylethyl)thiophene; thiophene, 2-(1-methylethyl)-	IV/20a 3.2:396
5356	C <sub>7</sub> H <sub>10</sub> S 126.22 1795-05-7		2,3,5-trimethylthiophene	III/38b 2.1:3741
5357	C <sub>7</sub> H <sub>10</sub> Si 122.24 766-08-5		methyl-phenyl-silane	III/38a 2.1.5:376
5358	C <sub>7</sub> H <sub>11</sub> Br 175.07 18495-26-6		1-bromo-hept-2-yne	III/38b 2.1:3743
5359	C <sub>7</sub> H <sub>11</sub> Br 175.07 19821-84-2		1-bromo-hept-1-yne	III/38b 2.1:3742
5360	C <sub>7</sub> H <sub>11</sub> BrO <sub>4</sub> 239.07 685-87-0		2-bromo-propanedioic acid diethyl ester	IV/16 2.1.7:1202
5361	C <sub>7</sub> H <sub>11</sub> Cl 130.62 70396-13-3		7-chloro-hept-2-yne	III/38b 2.1:3747
5362	C <sub>7</sub> H <sub>11</sub> Cl 130.62 51575-85-0		7-chloro-hept-3-yne	III/38b 2.1:3749
5363	C <sub>7</sub> H <sub>11</sub> Cl 130.62 116530-71-3		1-chloro-hept-3-yne	III/38b 2.1:3748
5364	C <sub>7</sub> H <sub>11</sub> Cl 130.62 100859-51-6		1-chloro-hept-2-yne	III/38b 2.1:3746
5365	C <sub>7</sub> H <sub>11</sub> Cl 130.62 51556-10-6		1-chloro-hept-1-yne	III/38b 2.1:3745
5366	C <sub>7</sub> H <sub>11</sub> Cl 130.62 116530-74-6		1-chloro-5-methyl-hexa-2,4-diene	III/38b 2.1:3750

5367	C <sub>7</sub> H <sub>11</sub> Cl 130.62 6080-79-1		3-chloro-3-ethyl-pent-1-yne	III/38b 2.1:3744
5368	C <sub>7</sub> H <sub>11</sub> ClO 146.62 2719-27-9		cyclohexanecarbonyl chloride	III/38b 2.1:3751
5369	C <sub>7</sub> H <sub>11</sub> ClO <sub>4</sub> 194.62 98431-22-2		1,3-diacetoxy-2-chloro-propane	III/38b 2.1:3754
5370	C <sub>7</sub> H <sub>11</sub> ClO <sub>4</sub> 194.62 14064-10-9		2-chloro-malonic acid diethyl ester	III/38b 2.1:3755
5371	C <sub>7</sub> H <sub>11</sub> ClO <sub>4</sub> 194.62 869-50-1		1,2-diacetoxy-3-chloro-propane	III/38b 2.1:3753
5372	C <sub>7</sub> H <sub>11</sub> ClO <sub>4</sub> 194.62 13086-97-0		1,1-diacetoxy-3-chloro-propane	III/38b 2.1:3752
5373	C <sub>7</sub> H <sub>11</sub> ClO <sub>5</sub> 210.62		(2-chloroethyl)-[(1-methoxy-carbonyl)-ethyl]-carbonate	IV/20a 4.5:1252
5374	C <sub>7</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> 233.52 33972-81-5		trichloroacetic acid pentyl ester	III/38b 2.1:3759; IV/16 2.1.7:1204
5375	C <sub>7</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> 233.52 76266-29-0		trichloro-acetic acid (L)-2-methyl-butyl ester	III/38b 2.1:3757
5376	C <sub>7</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> 233.52 57392-56-0		ethanoic acid, trichloro-, 2,2-dimethylpropyl ester; trichloro-acetic acid neopentyl ester; trichloroacetic acid, 2,2-dimethylpropyl ester	III/38b 2.1:3758; IV/20a 4.5:1253
5377	C <sub>7</sub> H <sub>11</sub> Cl <sub>3</sub> O <sub>2</sub> 233.52 57392-55-9		3-methyl-1-butyl trichloroacetate; trichloro-acetic acid isopentyl ester; trichloroacetic acid 3-methylbutyl ester	III/38b 2.1:3756; IV/6 2.1.3:923; IV/16 2.1.7:1203; Mixtures: IV/6 3.1:898
5378	C <sub>7</sub> H <sub>11</sub> F <sub>3</sub> 152.16 401-75-2		(trifluoromethyl)cyclohexane	III/38b 2.1:3760; IV/6 2.1.3:922

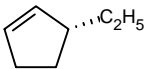
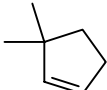
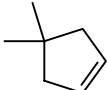
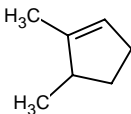
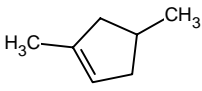
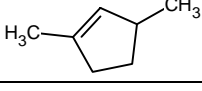
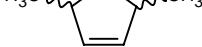

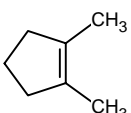
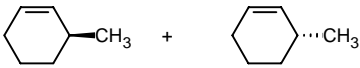
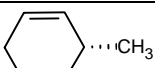
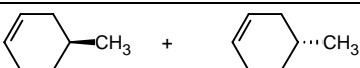
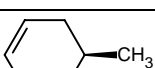
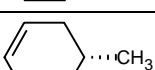
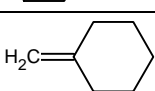


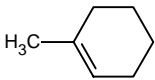

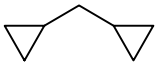



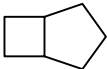
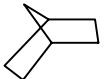
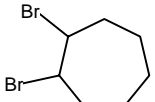
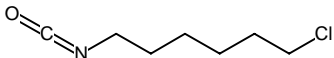
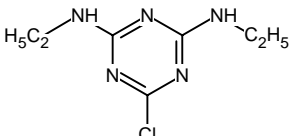
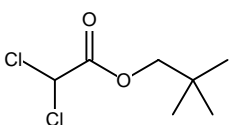
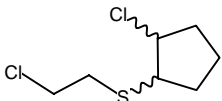
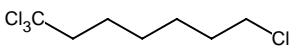
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5380	C <sub>7</sub> H <sub>11</sub> F <sub>3</sub> O <sub>4</sub> 216.16	 see also: 598(S), 3480(S)	trifluoroacetic acid-tert-butylcarboxylic acid (1/1)	II/14a 2.5.2:576; II/14a 2.6.3.2:281
5381	C <sub>7</sub> H <sub>11</sub> I 222.07 54573-13-6		1-iodo-hept-1-yne	III/38b 2.1:3761
5382	C <sub>7</sub> H <sub>11</sub> N 109.17 1551-08-2		2-propyl-pyrrole	III/38b 2.1:3767
5383	C <sub>7</sub> H <sub>11</sub> N 109.17 1551-09-3		3-propyl-pyrrole	III/38b 2.1:3768
5384	C <sub>7</sub> H <sub>11</sub> N 109.17 5145-64-2		1-propyl-pyrrole	III/38b 2.1:3766
5385	C <sub>7</sub> H <sub>11</sub> N 109.17 7696-51-7		2-isopropyl-pyrrole	III/38b 2.1:3764
5386	C <sub>7</sub> H <sub>11</sub> N 109.17 7696-52-8		3-isopropyl-pyrrole	III/38b 2.1:3765
5387	C <sub>7</sub> H <sub>11</sub> N 109.17 488-92-6		3-ethyl-4-methyl-pyrrole	III/38b 2.1:3763
5388	C <sub>7</sub> H <sub>11</sub> N 109.17 766-05-2		cyanohexane; cyclohexanecarbonitrile	II/14a 2.5.2:525; III/38b 2.1:3762; IV/16 2.1.7:1205
5389	C <sub>7</sub> H <sub>11</sub> NO 125.17 4602-33-9		4,4-dimethyl-2-oxopentanenitrile	II/14b 5.2.5:448d
5390	C <sub>7</sub> H <sub>11</sub> NO 125.17 3173-53-3		isocyanatocyclohexane	II/14a 2.5.2:527
5391	C <sub>7</sub> H <sub>11</sub> NO <sub>2</sub> 141.17 5459-58-5		cyanoacetic acid butyl ester	IV/16 2.1.7:1206
5392	C <sub>7</sub> H <sub>11</sub> NO <sub>2</sub> 141.17 13361-31-4		cyanoacetic acid 2-methylpropyl ester	IV/16 2.1.7:1207


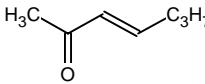
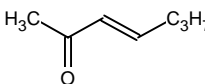
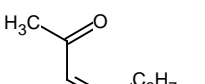
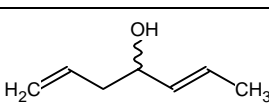
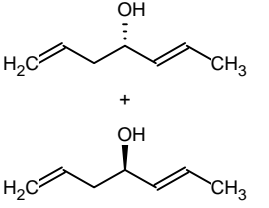
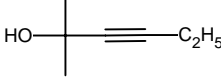
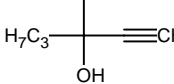
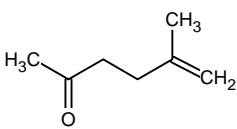
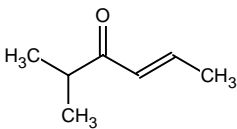
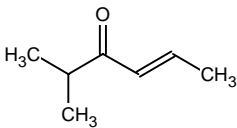
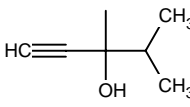
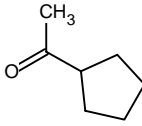
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5394	C <sub>7</sub> H <sub>11</sub> NS 141.24 1122-82-3		isothiocyanatocyclohexane	II/14a 2.5.2:528
5395	C <sub>7</sub> H <sub>12</sub> 96.17 2586-89-2	H <sub>5</sub> C <sub>2</sub> —C≡C—C <sub>3</sub> H <sub>7</sub>	1-ethyl-2-propylacetylene; hept-3-yne; 3-heptyne	III/38b 2.1:3785; IV/8c 4.1:1108; IV/20a 2.1:166
5396	C <sub>7</sub> H <sub>12</sub> 96.17 3070-53-9		hepta-1,6-diene; 1,6-heptadiene	III/38b 2.1:3781; IV/6 2.1.3:925; IV/8c 3.1:923
5397	C <sub>7</sub> H <sub>12</sub> 96.17 1541-23-7		hepta-1,5-diene; 1,5-heptadiene; 1-methyldiallyl	III/38b 2.1:3780; IV/8c 3.1:922
5398	C <sub>7</sub> H <sub>12</sub> 96.17 5675-22-9		hepta-1,4-diene; 1,4-heptadiene	III/38b 2.1:3779; IV/8c 3.1:921
5399	C <sub>7</sub> H <sub>12</sub> 96.17 2384-90-9		butylallene; 1,2-heptadiene	IV/8c 3.1:919
5400	C <sub>7</sub> H <sub>12</sub> 96.17 628-72-8		hepta-2,4-diene; 2,4-heptadiene	III/38b 2.1:3782; IV/8c 3.1:924
5401	C <sub>7</sub> H <sub>12</sub> 96.17 1002-26-2		1,3-heptadiene	IV/8c 3.1:920
5402	C <sub>7</sub> H <sub>12</sub> 96.17 628-71-7	H <sub>11</sub> C <sub>5</sub> —C≡C—H	hept-1-yne; 1-heptyne	III/38b 2.1:3783; IV/8c 4.1:1106; IV/16 2.1.7:1209; IV/20a 2.1:164
5403	C <sub>7</sub> H <sub>12</sub> 96.17 1119-65-9	H <sub>3</sub> C—C≡C—C <sub>4</sub> H <sub>9</sub>	hept-2-yne; 2-heptyne; 1-methyl-2-butylacetylene	III/38b 2.1:3784; IV/8c 4.1:1107; IV/20a 2.1:165
5404	C <sub>7</sub> H <sub>12</sub> 96.17 53566-37-3		5-methyl-2-hexyne; 1-methyl-2-isobutylacetylene; 2-methyl-4-hexyne	III/38b 2.1:3796; IV/8a 3.5.4,p.174; IV/8c 4.1:1112; IV/20a 2.1:177
5405	C <sub>7</sub> H <sub>12</sub> 96.17 20198-49-6		4-methyl-2-hexyne	IV/8c 4.1:1110; IV/20a 2.1:175
5406	C <sub>7</sub> H <sub>12</sub> 96.17		4-methyl-1,3-hexadiene	IV/8c 3.1:932
5407	C <sub>7</sub> H <sub>12</sub> 96.17 1116-90-1		4-methyl-1,4-hexadiene	IV/8c 3.1:933
5408	C <sub>7</sub> H <sub>12</sub> 96.17 27477-37-8		hexadiene, 2-methyl-; 2-methyl-hexadiene	IV/8c 3.1:925

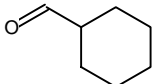
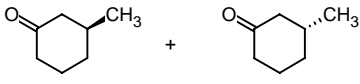
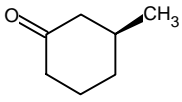
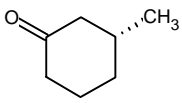

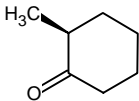
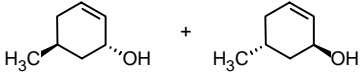
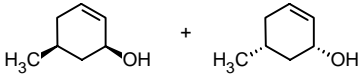
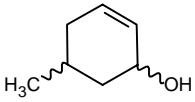
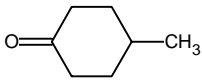
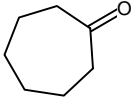
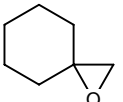
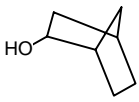
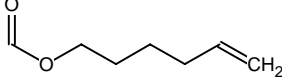
5409	C <sub>7</sub> H <sub>12</sub> 96.17 2203-80-7		5-methyl-1-hexyne; 5-methyl-hex-1-yne	III/38b 2.1:3795; IV/8c 4.1:1111; IV/20a 2.1:176
5410	C <sub>7</sub> H <sub>12</sub> 96.17 763-88-2		5-methyl-1,4-hexadiene	IV/8c 3.1:934
5411	C <sub>7</sub> H <sub>12</sub> 96.17 28823-42-9		3-methyl-2,4-hexadiene	IV/8c 3.1:931
5412	C <sub>7</sub> H <sub>12</sub> 96.17 14145-45-0		3-methyl-1,3-hexadiene	IV/8c 3.1:929
5413	C <sub>7</sub> H <sub>12</sub> 96.17 29212-09-7		2-methyl-2,3-hexadiene	IV/8c 3.1:927
5414	C <sub>7</sub> H <sub>12</sub> 96.17 36566-80-0		1-ethyl-2-isopropylacetylene; 2-methyl-3-hexyne; 2-methyl-hex-3-yne	III/38b 2.1:3797; IV/8c 4.1:1109; IV/20a 2.1:172
5415	C <sub>7</sub> H <sub>12</sub> 96.17 761-75-1		2-ethyl-1,4-pentadiene	IV/8c 3.1:916
5416	C <sub>7</sub> H <sub>12</sub> 96.17 687-79-6		3-ethyl-1,3-pentadiene	IV/8c 3.1:918
5417	C <sub>7</sub> H <sub>12</sub> 96.17 21020-26-8		3-ethyl-1-pentyne; 3-ethyl-pent-1-yne	III/38b 2.1:3778; IV/8c 4.1:1102; IV/20a 2.1:163
5418	C <sub>7</sub> H <sub>12</sub> 96.17 2384-96-5		1,1-diethylallene; 3-ethyl-1,2-pentadiene	IV/8c 3.1:917
5419	C <sub>7</sub> H <sub>12</sub> 96.17 4049-81-4		2-methyl-1,5-hexadiene; 2-methyldiallyl; 5-methyldiallyl	III/38b 2.1:3793; IV/8c 3.1:926
5420	C <sub>7</sub> H <sub>12</sub> 96.17 52713-81-2		4-methyl-1-hexyne; 4-methylhex-1-yne	IV/20a 2.1:174
5421	C <sub>7</sub> H <sub>12</sub> 96.17 40276-93-5		3-methyl-1-hexyne	IV/20a 2.1:173
5422	C <sub>7</sub> H <sub>12</sub> 96.17 28823-41-8		2-methyl-2,4-hexadiene; 2-methyl-hexa-2,4-diene; 1,1,4-trimethyl-1,3-butadiene	III/38b 2.1:3794; IV/8c 3.1:928, 936
5423	C <sub>7</sub> H <sub>12</sub> 96.17 13361-63-2		4,4-dimethyl-1-pentyne; neopentylacetylene; 3-tert-butylprop-1-yne	III/38b 2.1:3773; IV/8c 4.1:1104; IV/20a 2.1:159

5424	C <sub>7</sub> H <sub>12</sub> 96.17 999-78-0		2,2-dimethyl-3-pentyne; 1-tert-butyl-1-propyne; tert-butylmethylacetylene	III/38b 2.1:3774; IV/8c 4.1:1105; IV/20a 2.1:160
5425	C <sub>7</sub> H <sub>12</sub> 96.17 918-82-1		3,3-dimethyl-1-pentyne	IV/8c 4.1:1103; IV/20a 2.1:157
5426	C <sub>7</sub> H <sub>12</sub> 96.17 1541-33-9		3-methyl-1,5-hexadiene	IV/8c 3.1:930
5427	C <sub>7</sub> H <sub>12</sub> 96.17 61064-08-2		3,4-dimethyl-1-pentyne	IV/20a 2.1:158
5428	C <sub>7</sub> H <sub>12</sub> 96.17 5731-99-7		2-isopropyl-1,3-butadiene; 2-isopropylbutadiene; 4-methyl-3-methylene-1-pentene	IV/8c 3.1:935
5429	C <sub>7</sub> H <sub>12</sub> 96.17 1000-87-9		2,4-dimethyl-2,3-pentadiene; tetramethylallene; 1,1,3,3-tetramethylallene	IV/8c 3.1:915
5430	C <sub>7</sub> H <sub>12</sub> 96.17 1000-86-8		2,4-dimethyl-1,3-pentadiene; 2,4-dimethyl-penta-1,3-diene; 1,1,3-trimethylbutadiene	III/38b 2.1:3772; IV/8c 3.1:914
5431	C <sub>7</sub> H <sub>12</sub> 96.17		(1-methyl-1-propenyl)cyclopropane	IV/8d 3.3:441
5432	C <sub>7</sub> H <sub>12</sub> 96.17 5809-54-1		cyclopropane, (1-ethylvinyl)-; 2-cyclopropyl-1-butene; (1-propylethenyl)cyclopropane	IV/8d 3.3:442
5433	C <sub>7</sub> H <sub>12</sub> 96.17 1528-22-9		isopropylidenecyclobutane; (1-methylethylidene)cyclobutane; 1-methylethylidenecyclobutane	IV/8d 3.3:443
5434	C <sub>7</sub> H <sub>12</sub> 96.17 2146-38-5		1-ethyl-1-cyclopentene; 1-ethylcyclopentene	III/38b 2.1:3775; IV/8d 3.3:450; IV/20a 2.1:161
5435	C <sub>7</sub> H <sub>12</sub> 96.17 2146-37-4		ethylidenecyclopentane	IV/8a 3.5.4,p.174; IV/8d 3.3:452
5436	C <sub>7</sub> H <sub>12</sub> 96.17 3742-34-5		ethenylcyclopentane; vinylcyclopentane	IV/8d 3.3:449
5437	C <sub>7</sub> H <sub>12</sub> 96.17 694-35-9		3-ethyl-1-cyclopentene; 1-ethyl-2-cyclopentene; 3-ethylcyclopentene	III/38b 2.1:3777; IV/8d 3.3:451; IV/20a 2.1:162

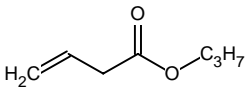
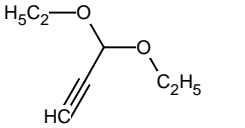
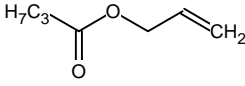
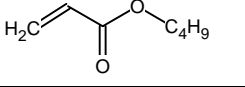
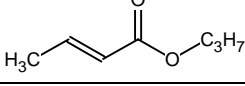
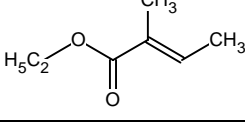
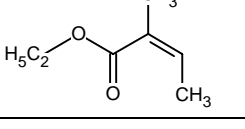
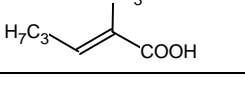
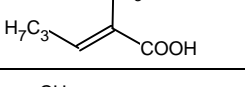

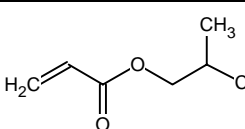
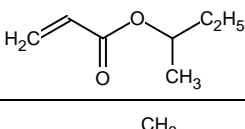
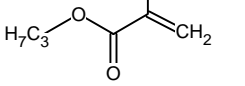
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5439	C <sub>7</sub> H <sub>12</sub> 96.17 58049-91-5		cyclopentene, 3,3-dimethyl-; 3,3-dimethylcyclopentene	IV/8d 3.3:447; IV/20a 2.1:155
5440	C <sub>7</sub> H <sub>12</sub> 96.17 19037-72-0		cyclopentene, 4,4-dimethyl-; 4,4-dimethylcyclopentene	IV/20a 2.1:156
5441	C <sub>7</sub> H <sub>12</sub> 96.17 16491-15-9		1,2-dimethyl-2-cyclopentene; 1,5-dimethylcyclopentene; 2,3-dimethylcyclopentene	IV/8d 3.3:446; IV/20a 2.1:154
5442	C <sub>7</sub> H <sub>12</sub> 96.17 19550-48-2		cyclopentene, 1,4-dimethyl-; 1,4-dimethylcyclopentene	IV/8d 3.3:445; IV/20a 2.1:153
5443	C <sub>7</sub> H <sub>12</sub> 96.17 62184-82-1		1,3-dimethylcyclopentene	III/38b 2.1:3771; IV/20a 2.1:152
5444	C <sub>7</sub> H <sub>12</sub> 96.17 7459-71-4		cyclopentene, 3,5-dimethyl-; 3,5-dimethylcyclopentene	IV/8d 3.3:448
5445	C <sub>7</sub> H <sub>12</sub> 96.17 53366-56-6		3-methyl-1-methylenecyclopentane; 1-methyl-3-methylenecyclopentane	IV/8d 3.3:453
5446	C <sub>7</sub> H <sub>12</sub> 96.17 765-47-9		1,2-dimethyl-1-cyclopentene; 1,2-dimethylcyclopentene	III/38b 2.1:3770; IV/8d 3.3:444; IV/20a 2.1:151
5447	C <sub>7</sub> H <sub>12</sub> 96.17 591-48-0		(±)-3-methyl-cyclohexene; 3-methyl-1-cyclohexene	III/38b 2.1:3787, 3789; IV/8d 3.3:457; IV/20a 2.1:169
5448	C <sub>7</sub> H <sub>12</sub> 96.17 23713-56-6		(+)-(R)-3-methyl-cyclohexene	III/38b 2.1:3788; IV/8d 3.3:456
5449	C <sub>7</sub> H <sub>12</sub> 96.17 591-47-9		(±)-4-methyl-cyclohexene; 4-methyl-1-cyclohexene; 4-methylcyclohex-1-ene	III/38b 2.1:3790, 3792; IV/8d 3.3:459; IV/20a 2.1:170
5450	C <sub>7</sub> H <sub>12</sub> 96.17 5710-02-1		(R)-4-methyl-cyclohexene	III/38b 2.1:3791
5451	C <sub>7</sub> H <sub>12</sub> 96.17		(+)-(R)-4-methylcyclohexene	IV/8d 3.3:458
5452	C <sub>7</sub> H <sub>12</sub> 96.17 1192-37-6		methylenecyclohexane	II/19b 2.5.2:623; II/19c 2.6.4.2:241; III/38b 2.1:3798; IV/8d 3.3:454; IV/16 2.1.7:1211; IV/20a 2.1:171

5453	C <sub>7</sub> H <sub>12</sub> 96.17 591-49-1		1-methyl-1-cyclohexene; 1-methylcyclohexene	III/38b 2.1:3786; IV/8a 3.5.4,p.174; IV/8d 3.3:455; IV/16 2.1.7:1210; IV/20a 2.1:168
5454	C <sub>7</sub> H <sub>12</sub> 96.17 628-92-2		cycloheptene; <i>cis</i> -cycloheptene	III/38b 2.1:3769; IV/6 2.1.3:924; IV/8a 3.5.4,p.174; IV/8d 3.3:460; IV/16 2.1.7:1208; IV/20a 2.1:150
5455	C <sub>7</sub> H <sub>12</sub> 96.17 5685-47-2		cyclopropane, 1,1'-methylenebis-; dicyclopropylmethane	IV/8f 2.1.1:1
5456	C <sub>7</sub> H <sub>12</sub> 96.17 185-49-9		spiro[4.2]heptane	IV/8f 4.1:474
5457	C <sub>7</sub> H <sub>12</sub> 96.17 4625-24-5		bicyclo[3.1.0]hexane, 1-methyl-; 1-methylbicyclo[3.1.0]hexane	IV/8f 5.1.1:498; IV/20a 2.1:167
5458	C <sub>7</sub> H <sub>12</sub> 96.17 286-08-8		bicyclo[4.1.0]heptane; norcaradiene; 8,9,10-trinorcaradiene	IV/8f 5.1.1:497; IV/20a 2.1:148, 149
5459	C <sub>7</sub> H <sub>12</sub> 96.17 12622-04-7		bicycloheptane	IV/8f 5.1.1:496
5460	C <sub>7</sub> H <sub>12</sub> 96.17 279-23-2		bicyclo[2.2.1]heptane; norbornane; norbornylane; norcamphane; norfenchane; norsantane; 8,9,10-trinorbornane	II/14a 2.5.2:562; II/14a 2.6.3.2:273; IV/20a 2.1:147
5461	C <sub>7</sub> H <sub>12</sub> Br <sub>2</sub> 255.99 29974-68-3		dibromocycloheptane; 1,2-dibromocycloheptane	IV/20a 4.5:1254
5462	C <sub>7</sub> H <sub>12</sub> ClNO 161.63 13654-91-6		6-chlorohexyl isocyanate	IV/20a 4.5:1255
5463	C <sub>7</sub> H <sub>12</sub> ClN <sub>5</sub> 201.66 122-34-9		2-chloro-4,6-bis(ethylamino)-1,3,5-triazine	IV/8a 3.5.4,p.174; IV/20a 4.5:1256
5464	C <sub>7</sub> H <sub>12</sub> Cl <sub>2</sub> O <sub>2</sub> 199.08		neopentyl dichloroethanoate	IV/20a 4.5:1257
5465	C <sub>7</sub> H <sub>12</sub> Cl <sub>2</sub> S 199.14		2-chlorocyclopentyl 2-chloroethyl sulfide; (2-chloroethyl)(2-chlorocyclopentyl)-sulfide	IV/20a 3.2:398; IV/20a 4.5:1258
5466	C <sub>7</sub> H <sub>12</sub> Cl <sub>4</sub> 237.99 3922-36-9		heptane, 1,1,1,7-tetrachloro-; 1,1,1,7-tetrachloroheptane	IV/20a 4.5:1259

5467	C <sub>7</sub> H <sub>12</sub> O 112.17 1002-36-4		hept-2-yn-1-ol	III/38b 2.1:3819
5468	C <sub>7</sub> H <sub>12</sub> O 112.17 1119-44-4		hept-3-en-2-one	III/38b 2.1:3805
5469	C <sub>7</sub> H <sub>12</sub> O 112.17 5609-09-6		<i>trans</i> -hept-3-en-2-one	III/38b 2.1:3803
5470	C <sub>7</sub> H <sub>12</sub> O 112.17 69668-88-8		<i>cis</i> -hept-3-en-2-one	III/38b 2.1:3804
5471	C <sub>7</sub> H <sub>12</sub> O 112.17 5638-26-6		hepta-1,5-dien-4-ol	III/38b 2.1:3818
5472	C <sub>7</sub> H <sub>12</sub> O 112.17 81027-99-8		(±)- <i>trans</i> -hepta-1,5-dien-4-ol	III/38b 2.1:3817
5473	C <sub>7</sub> H <sub>12</sub> O 112.17 5075-33-2		2-methyl-hex-3-yn-2-ol	III/38b 2.1:3824
5474	C <sub>7</sub> H <sub>12</sub> O 112.17 4339-05-3		3-methyl-hex-1-yn-3-ol	III/38b 2.1:3823
5475	C <sub>7</sub> H <sub>12</sub> O 112.17 3240-09-3		5-methyl-hex-5-en-2-one	III/38b 2.1:3822
5476	C <sub>7</sub> H <sub>12</sub> O 112.17 53252-19-0		2-methyl-hex-4-en-3-one	III/38b 2.1:3821
5477	C <sub>7</sub> H <sub>12</sub> O 112.17 50396-90-2		<i>trans</i> -2-methyl-hex-4-en-3-one	III/38b 2.1:3820
5478	C <sub>7</sub> H <sub>12</sub> O 112.17 1482-15-1		3,4-dimethyl-pent-1-yn-3-ol	III/38b 2.1:3802
5479	C <sub>7</sub> H <sub>12</sub> O 112.17 6004-60-0		1-cyclopentyl-ethanone	III/38b 2.1:3801

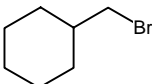
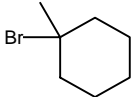
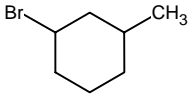
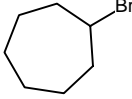
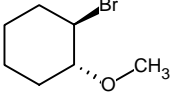
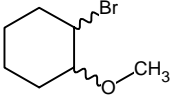
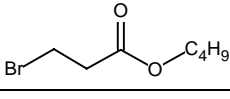
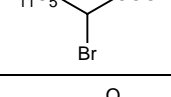
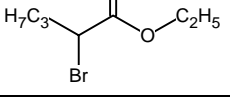
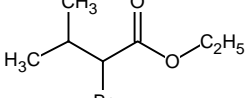
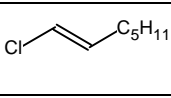
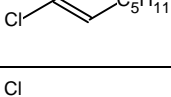
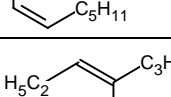
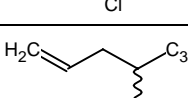

5480	C <sub>7</sub> H <sub>12</sub> O 112.17 2043-61-0		cyclohexanecarbaldehyde; cyclohexanecarboxaldehyde	II/14a 2.5.2:529; III/38b 2.1:3800
5481	C <sub>7</sub> H <sub>12</sub> O 112.17 591-24-2		(±)-3-methyl-cyclohexanone	II/19b 2.5.2:624; III/38b 2.1:3809, 3812; IV/6 2.1.3:927; IV/16 2.1.7:1214
5482	C <sub>7</sub> H <sub>12</sub> O 112.17 24965-87-5		(S)-3-methyl-cyclohexanone	III/38b 2.1:3811
5483	C <sub>7</sub> H <sub>12</sub> O 112.17 13368-65-5		(R)-3-methyl-cyclohexanone	III/38b 2.1:3810
5484	C <sub>7</sub> H <sub>12</sub> O 112.17 583-60-8		(±)-2-methyl-cyclohexanone	III/38b 2.1:3806, 3808; IV/6 2.1.3:926; IV/16 2.1.7:1213
5485	C <sub>7</sub> H <sub>12</sub> O 112.17 22554-27-4		(S)-2-methyl-cyclohexanone	III/38b 2.1:3807
5486	C <sub>7</sub> H <sub>12</sub> O 112.17 22031-97-6		(±)- <i>trans</i> -1-methyl-cyclohex-3-en-5-ol	III/38b 2.1:3815
5487	C <sub>7</sub> H <sub>12</sub> O 112.17 22049-46-3		(±)- <i>cis</i> -5-methyl-cyclohex-2-en-1-ol	III/38b 2.1:3814
5488	C <sub>7</sub> H <sub>12</sub> O 112.17 3718-55-6		1-methyl-cyclohex-3-en-5-ol	III/38b 2.1:3816
5489	C <sub>7</sub> H <sub>12</sub> O 112.17 589-92-4		4-methylcyclohexanone	II/19b 2.5.2:625; III/38b 2.1:3813; IV/6 2.1.3:928; IV/16 2.1.7:1215; Mixtures: III/38a 3.1:781, 859, 860
5490	C <sub>7</sub> H <sub>12</sub> O 112.17 502-42-1		cycloheptanone	II/14a 2.5.2:545; III/38b 2.1:3799; IV/6 2.1.3:929; IV/16 2.1.7:1212
5491	C <sub>7</sub> H <sub>12</sub> O 112.17 185-70-6		1-oxaspiro[2.5]octane	II/19b 2.5.2:626
5492	C <sub>7</sub> H <sub>12</sub> O 112.17 1632-68-4		2-hydroxybicyclo[2.2.1]heptane	II/14a 2.5.2:562a; II/14a 2.6.3.2:273a
5493	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 65909-61-7		5-hexenyl formate	II/14a 2.5.2:338



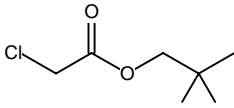
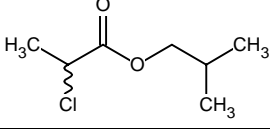
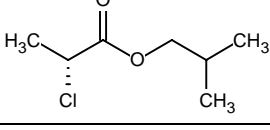
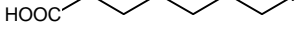
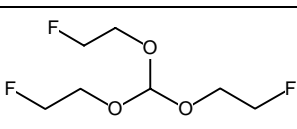
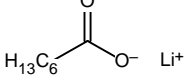
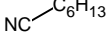
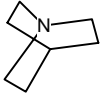
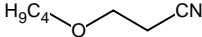
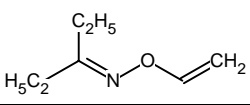
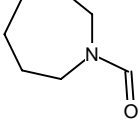
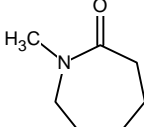
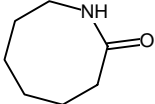
5494	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 34456-25-2		but-3-enoic acid propyl ester	IV/16 2.1.7:1219
5495	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 10160-87-9		3,3-diethoxy-propyne	III/38b 2.1:3831
5496	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 2051-78-7		butanoic acid prop-2-enyl ester; butyric acid allyl ester	III/38b 2.1:3829; IV/16 2.1.7:1217
5497	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 141-32-2		acrylic acid, butyl ester; butyl 2-propenoate; 1-butyl acrylate; propenoic acid, butyl ester	III/38b 2.1:3825; IV/6 2.1.3:930; IV/8a 3.5.4,p.175
5498	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 10352-87-1		but-2-enoic acid propyl ester	IV/16 2.1.7:1218
5499	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 5837-78-5		2-methyl- <i>trans</i> -but-2-enoic acid ethyl ester	III/38b 2.1:3838
5500	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 16509-44-7		2-methyl- <i>cis</i> -but-2-enoic acid ethyl ester	III/38b 2.1:3837
5501	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 97961-66-5		<i>trans</i> -2-methyl-hex-2-enoic acid	III/38b 2.1:3840
5502	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 28897-58-7		2-methyl-hex-2-enoic acid	III/38b 2.1:3839
5503	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17		<i>cis</i> -2-methyl-hex-2-enoic acid	III/38b 2.1:3841
5504	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 106-63-8		acrylic acid isobutyl ester	III/38b 2.1:3827
5505	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 2998-08-5		acrylic acid <i>sec</i> -butyl ester	III/38b 2.1:3826
5506	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 2210-28-8		methacrylic acid propyl ester	III/38b 2.1:3835

5507	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 1663-39-4		acrylic acid tert-butyl ester	III/38b 2.1:3828
5508	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 1540-34-7		3-ethyl-pentane-2,4-dione	III/38b 2.1:3833
5509	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 4655-34-9		methacrylic acid isopropyl ester	III/38b 2.1:3836
5510	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 3142-58-3		3,3-dimethyl-pentane-2,4-dione	III/38b 2.1:3832
5511	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 60128-01-0		cyclopropanecarboxylic acid propyl ester	IV/16 2.1.7:1221
5512	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 14924-53-9		cyclobutanecarboxylic acid ethyl ester	IV/16 2.1.7:1220
5513	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 933-05-1		acetic acid cyclopentyl ester	IV/16 2.1.7:1216
5514	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 4351-54-6		cyclohexyl formate; formic acid cyclohexyl ester	III/38b 2.1:3834; IV/6 2.1.3:931; IV/16 2.1.7:1222
5515	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> 128.17 98-89-5		cyclohexanecarboxylic acid	III/38b 2.1:3830, 4011; IV/6 2.1.3:972
5516	C <sub>7</sub> H <sub>12</sub> O <sub>2</sub> S 160.24 18342-42-2		ethyl tetrahydro-thiophene-2-carboxylate; tetrahydro-thiophene-2-carboxylic acid ethyl ester	III/38b 2.1:3842; IV/6 2.1.3:932
5517	C <sub>7</sub> H <sub>12</sub> O <sub>3</sub> 144.17 539-88-8		4-oxo-pentanoic acid ethyl ester	III/38b 2.1:3847
5518	C <sub>7</sub> H <sub>12</sub> O <sub>3</sub> 144.17 4949-44-4		3-oxo-pentanoic acid ethyl ester	III/38b 2.1:3846
5519	C <sub>7</sub> H <sub>12</sub> O <sub>3</sub> 144.17 609-14-3		2-methyl-3-oxo-butyric acid ethyl ester	III/38b 2.1:3845

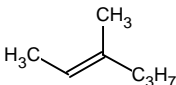
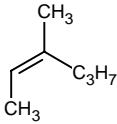
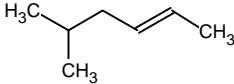
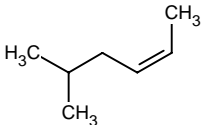
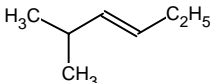
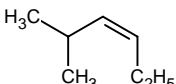
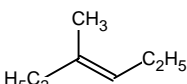
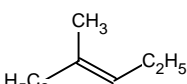
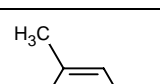
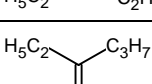
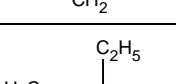
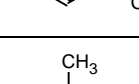
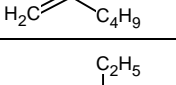
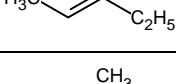
5520	C <sub>7</sub> H <sub>12</sub> O <sub>3</sub> 144.17 637-64-9		acetic acid tetrahydro-furfuryl ester; 2-tetrahydrofurfuryl acetate	III/38b 2.1:3843-3844; IV/6 2.1.3:933
5521	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 111-16-0		heptanedioic acid; 1,7-heptanedioic acid; pimelic acid	IV/8a 3.5.4,p.175
5522	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 627-91-8		hexanedioic acid monomethyl ester; monomethyl adipate	III/38b 2.1:3850; IV/6 2.1.3:934
5523	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 105-53-3		diethyl malonate; malonic acid diethyl ester; propanedioic acid diethyl ester	III/38b 2.1:3851; IV/6 2.1.3:936; IV/16 2.1.7:1227
5524	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 1119-40-0		dimethyl glutarate; pentanedioic acid dimethyl ester	III/38b 2.1:3852; IV/6 2.1.3:935; IV/16 2.1.7:1226
5525	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 628-66-0		1,3-diacetoxy-propane	III/38b 2.1:3849
5526	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 1604-11-1		2-methyl-butanedioic acid dimethyl ester	IV/16 2.1.7:1225
5527	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 26717-67-9		2-ethyl-propanedioic acid dimethyl ester	IV/16 2.1.7:1224
5528	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 623-84-7		1,2-diacetoxy-propane	III/38b 2.1:3848
5529	C <sub>7</sub> H <sub>12</sub> O <sub>4</sub> 160.17 6065-54-9		2,2-dimethyl-propanedioic acid dimethyl ester	IV/16 2.1.7:1223
5530	C <sub>7</sub> H <sub>12</sub> O <sub>5</sub> 176.17 105-70-4		1,3-diacetoxy-propan-2-ol; 1,2,3-propanetriol 1,3-diacetate	III/38b 2.1:3854; IV/6 2.1.3:938
5531	C <sub>7</sub> H <sub>12</sub> O <sub>5</sub> 176.17 102-62-5		2,3-diacetoxy-propan-1-ol; 1,2,3-propanetriol 1,2-diacetate	III/38b 2.1:3853; IV/6 2.1.3:937
5532	C <sub>7</sub> H <sub>12</sub> S 128.24 185-78-4		1-thiaspiro[2.5]octane	II/19b 2.5.2:627

5533	C <sub>7</sub> H <sub>13</sub> Br 177.09 2550-36-9		bromomethyl-cyclohexane	III/38b 2.1:3858
5534	C <sub>7</sub> H <sub>13</sub> Br 177.09 931-77-1		1-bromo-1-methyl-cyclohexane	III/38b 2.1:3856
5535	C <sub>7</sub> H <sub>13</sub> Br 177.09 13905-48-1		1-bromo-3-methyl-cyclohexane	III/38b 2.1:3857
5536	C <sub>7</sub> H <sub>13</sub> Br 177.09 2404-35-5		bromo-cycloheptane	III/38b 2.1:3855; IV/16 2.1.7:1228
5537	C <sub>7</sub> H <sub>13</sub> BrO 193.09 5927-93-5		<i>trans</i> -1-bromo-2-methoxy-cyclohexane	III/38b 2.1:3859
5538	C <sub>7</sub> H <sub>13</sub> BrO 193.09 24618-31-3		1-bromo-2-methoxy-cyclohexane	III/38b 2.1:3860
5539	C <sub>7</sub> H <sub>13</sub> BrO <sub>2</sub> 209.09 6973-79-1		3-bromo-propionic acid butyl ester	III/38b 2.1:3864
5540	C <sub>7</sub> H <sub>13</sub> BrO <sub>2</sub> 209.09 2624-01-3		2-bromo-heptanoic acid	III/38b 2.1:3861
5541	C <sub>7</sub> H <sub>13</sub> BrO <sub>2</sub> 209.09 615-83-8		2-bromo-pentanoic acid ethyl ester	III/38b 2.1:3863
5542	C <sub>7</sub> H <sub>13</sub> BrO <sub>2</sub> 209.09 609-12-1		2-bromo-3-methyl-butyrac acid ethyl ester	III/38b 2.1:3862
5543	C <sub>7</sub> H <sub>13</sub> Cl 132.63 2384-75-0		1-chloro-hept-1-ene	III/38b 2.1:3867
5544	C <sub>7</sub> H <sub>13</sub> Cl 132.63 53268-67-0		<i>trans</i> -1-chloro-hept-1-ene	III/38b 2.1:3865
5545	C <sub>7</sub> H <sub>13</sub> Cl 132.63 53268-66-9		<i>cis</i> -1-chloro-hept-1-ene	III/38b 2.1:3866
5546	C <sub>7</sub> H <sub>13</sub> Cl 132.63 2431-24-5		4-chloro-hept-3-ene	III/38b 2.1:3870
5547	C <sub>7</sub> H <sub>13</sub> Cl 132.63 99591-54-5		4-chloro-hept-1-ene	III/38b 2.1:3869

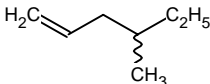
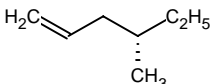
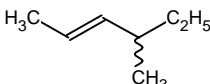
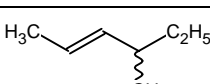
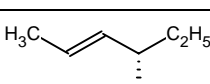
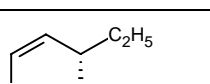
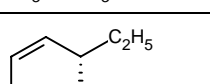
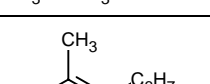
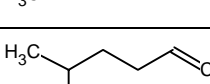
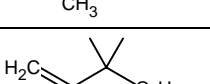
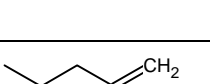
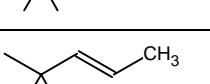
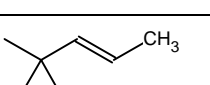
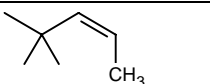
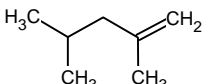
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5549	C <sub>7</sub> H <sub>13</sub> ClO 148.63 41055-92-9		1-chloro-heptan-2-one	III/38b 2.1:3871
5550	C <sub>7</sub> H <sub>13</sub> ClO 148.63 2528-61-2		heptanoyl chloride	III/38b 2.1:3873; IV/20a 4.5:1262
5551	C <sub>7</sub> H <sub>13</sub> ClO 148.63 57323-93-0		3-methyl-hexanoyl chloride	III/38b 2.1:3874
5552	C <sub>7</sub> H <sub>13</sub> ClO 148.63 64687-38-3		(S)-3-methyl-hexanoyl chloride	III/38b 2.1:3875
5553	C <sub>7</sub> H <sub>13</sub> ClO 148.63 15673-02-6		4,4-dimethyl-pentanoyl chloride	III/38b 2.1:3872
5554	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 2323-81-1		5-chloro-pentanoic acid ethyl ester	III/38b 2.1:3881
5555	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 27387-79-7		3-chloro-propionic acid butyl ester	III/38b 2.1:3885
5556	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 70786-82-2		4-chloro-pentanoic acid ethyl ester	III/38b 2.1:3880
5557	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 62108-68-3		3-chloro-propionic acid isobutyl ester	III/38b 2.1:3886
5558	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 6513-13-9		3-chloro-pentanoic acid ethyl ester	III/38b 2.1:3879
5559	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 118688-48-5		2-chloro-pentanoic acid ethyl ester	III/38b 2.1:3878
5560	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 5326-92-1		chloro-acetic acid isopentyl ester; 3-methyl-1-butyl chloroacetate	III/38b 2.1:3876; IV/6 2.1.3:939
5561	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 54819-86-2		2-chloro-propionic acid butyl ester	III/38b 2.1:3882

5562	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 126176-76-9		chloro-acetic acid neopentyl ester; neopentyl chloroacetate; neopentyl chloroethanoate	III/38b 2.1:3877; IV/20a 4.5:1263
5563	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 62108-67-2		2-chloro-propionic acid isobutyl ester	III/38b 2.1:3883
5564	C <sub>7</sub> H <sub>13</sub> ClO <sub>2</sub> 164.63 114489-96-2		(R)-2-chloro-propionic acid isobutyl ester	III/38b 2.1:3884
5565	C <sub>7</sub> H <sub>13</sub> FO <sub>2</sub> 148.18 334-28-1		7-fluoro-heptanoic acid	III/38b 2.1:3887
5566	C <sub>7</sub> H <sub>13</sub> F <sub>3</sub> O <sub>3</sub> 202.18 2339-51-7		orthoformic acid, tris(2-fluoroethyl)ester	IV/20a 4.5:1264
5567	C <sub>7</sub> H <sub>13</sub> LiO <sub>2</sub> 136.12 16761-13-0		heptanoic acid, lithium salt; lithium heptanoate	IV/8a 3.5.4,p.178
5568	C <sub>7</sub> H <sub>13</sub> N 111.19 629-08-3		heptanenitrile	III/38b 2.1:3888; IV/16 2.1.7:1229
5569	C <sub>7</sub> H <sub>13</sub> N 111.19 100-76-5		1-azabicyclo[2.2.2]octane; 1,4-ethanopiperidine; 1,4-ethylidene-piperidine; quinuclidine	II/4 2.4:102; II/6 2.4:83; II/19a 2.4.2:88; II/19c 2.7.3.2:49; IV/8a 3.5.4,p.175
5570	C <sub>7</sub> H <sub>13</sub> NO 127.19 6959-71-3		3-butoxy-propionitrile	IV/16 2.1.7:1230
5571	C <sub>7</sub> H <sub>13</sub> NO 127.19 54007-26-0		3-pentanoneoxime O-vinylether	III/38b 2.1:3890; IV/6 2.1.3:941
5572	C <sub>7</sub> H <sub>13</sub> NO 127.19 25114-81-2		hexahydro-1H-azepine-1-carboxaldehyde	IV/16 2.1.7:1231
5573	C <sub>7</sub> H <sub>13</sub> NO 127.19 2556-73-2		N-methyl 6-aminohexanoic lactame; 1-methyl-azepan-2-one; 1-methyl-azepan-2-one (N-methyl- caprolactam); N-methyl-caprolactam	III/38b 2.1:3889; IV/6 2.1.3:940; IV/16 2.1.7:1232; Mixtures: III/38a 3.1:710, 861-862; IV/6 3.1:641, 772; IV/16 3.1.4:340, 505
5574	C <sub>7</sub> H <sub>13</sub> NO 127.19 673-66-5		7-aminoheptanoic acid lactam; 2-azacyclooctanone; cycloheptanone isooxime; ω-enantholactam; 7-heptanelactam; perhydro-2-azocinone	IV/8a 3.5.4,p.175

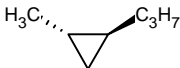

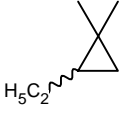

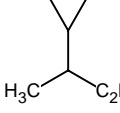

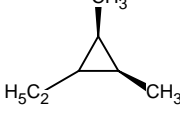
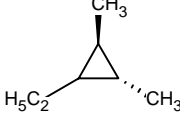
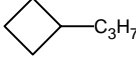
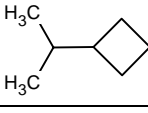

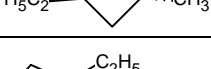

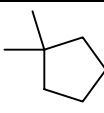
5575	C <sub>7</sub> H <sub>13</sub> NO <sub>2</sub> 143.19 62507-45-3		2-butoxyethyl isocyanate; 2-(n-butoxyethyl) isocyanate	IV/6 2.1.3:942
5576	C <sub>7</sub> H <sub>13</sub> NO <sub>2</sub> 143.19 23288-01-9		3-butyl-oxazolidin-2-one; 3-(1-butyl)-oxazolidine-2-one	III/38b 2.1:3891; IV/6 2.1.3:943
5577	C <sub>7</sub> H <sub>13</sub> NO <sub>2</sub> 143.19 40482-46-0		3-(2-methyl-2-propyl)-oxazolidin-2-one; 3-tert-butyl-oxazolidin-2-one	III/38b 2.1:3892; IV/6 2.1.3:944
5578	C <sub>7</sub> H <sub>13</sub> NO <sub>2</sub> 143.19 2971-79-1		methyl piperidine-4-carboxylate; piperidine-4-carboxylic acid methyl ester	III/38b 2.1:3893; IV/6 2.1.3:945
5579	C <sub>7</sub> H <sub>13</sub> N <sub>3</sub> O <sub>3</sub> S 219.26 23135-22-0		N,N-dimethyl-3-methylcarbamoyloxyimino- 2-(methylthio)acetamide; oxamyl	IV/8a 3.5.4,p.175
5580	C <sub>7</sub> H <sub>13</sub> O <sub>2</sub> Tl 333.55 34244-91-2		heptanoic acid, thallium(1+) salt; thallium(1+) heptanoate; thallium(I)heptanoate	IV/8a 3.5.4,p.180
5581	C <sub>7</sub> H <sub>14</sub> 98.19 592-78-9		hept-3-ene; 3-heptene; 3-heptene, ( <i>cis+trans</i> )	III/38b 2.1:3929; IV/8c 2.2:539
5582	C <sub>7</sub> H <sub>14</sub> 98.19 14686-14-7		<i>trans</i> -hept-3-ene; ( <i>E</i> )-3-heptene; <i>trans</i> -3-heptene	III/38b 2.1:3927; IV/8c 2.2:540; IV/20a 2.1:203
5583	C <sub>7</sub> H <sub>14</sub> 98.19 7642-10-6		<i>cis</i> -hept-3-ene; <i>cis</i> -3-heptene; ( <i>Z</i> )-3-heptene	III/38b 2.1:3928; IV/8c 2.2:541; IV/20a 2.1:204
5584	C <sub>7</sub> H <sub>14</sub> 98.19 14686-13-6		<i>trans</i> -hept-2-ene; ( <i>E</i> )-2-heptene; <i>trans</i> -2-heptene	III/38b 2.1:3924; IV/8c 2.2:537; IV/20a 2.1:201
5585	C <sub>7</sub> H <sub>14</sub> 98.19 592-77-8		hept-2-ene; 2-heptene	III/38b 2.1:3926; IV/8c 2.2:536
5586	C <sub>7</sub> H <sub>14</sub> 98.19 6443-92-1		<i>cis</i> -hept-2-ene; <i>cis</i> -2-heptene; ( <i>Z</i> )-2-heptene	III/38b 2.1:3925; IV/8c 2.2:538; IV/20a 2.1:202
5587	C <sub>7</sub> H <sub>14</sub> 98.19 592-76-7		hept-1-ene; 1-heptene	III/38b 2.1:3923; IV/6 2.1.3:948; IV/8a 3.5.4,p.177; IV/8c 2.2:535; IV/16 2.1.7:1237; IV/20a 2.1:200
5588	C <sub>7</sub> H <sub>14</sub> 98.19 17618-77-8		3-methyl-2-hexene; 3-methyl-hex-2-ene	III/38b 2.1:3936; IV/8c 2.2:547

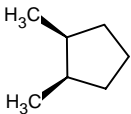
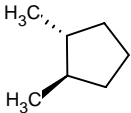
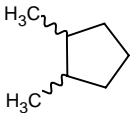
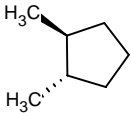

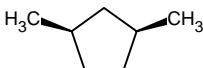
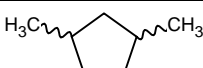
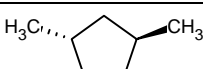
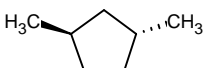
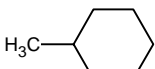


5589	C <sub>7</sub> H <sub>14</sub> 98.19 20710-38-7		(E)-3-methyl-2-hexene; <i>trans</i> -3-methyl-2-hexene; <i>trans</i> -3-methyl-hex-2-ene	III/38b 2.1:3937; IV/8c 2.2:548; IV/20a 2.1:210
5590	C <sub>7</sub> H <sub>14</sub> 98.19 10574-36-4		<i>cis</i> -3-methyl-2-hexene; (Z)-3-methyl-2-hexene; <i>cis</i> -3-methyl-hex-2-ene	III/38b 2.1:3938; IV/8c 2.2:549; IV/20a 2.1:211
5591	C <sub>7</sub> H <sub>14</sub> 98.19 7385-82-2		2-hexene, 5-methyl-, (E)-; (E)-5-methyl-2-hexene; <i>trans</i> -5-methyl-2-hexene	IV/8a 3.5.4,p.178; IV/8c 2.2:556; IV/20a 2.1:218
5592	C <sub>7</sub> H <sub>14</sub> 98.19 13151-17-2		2-hexene, 5-methyl-, (Z)-; <i>cis</i> -5-methyl-2-hexene; (Z)-5-methyl-2-hexene	IV/8c 2.2:557; IV/20a 2.1:219
5593	C <sub>7</sub> H <sub>14</sub> 98.19 692-24-0		3-hexene, 2-methyl-, (E)-; (E)-2-methyl-3-hexene; <i>trans</i> -2-methyl-3-hexene	IV/8c 2.2:544
5594	C <sub>7</sub> H <sub>14</sub> 98.19 15840-60-5		3-hexene, 2-methyl-, (Z)-; <i>cis</i> -2-methyl-3-hexene; (Z)-2-methyl-3-hexene	IV/8c 2.2:545; IV/20a 2.1:208
5595	C <sub>7</sub> H <sub>14</sub> 98.19 3404-65-7		3-methyl-hex-3-ene	III/38b 2.1:3946
5596	C <sub>7</sub> H <sub>14</sub> 98.19 3899-36-3		(E)-3-methyl-3-hexene; <i>trans</i> -3-methyl-3-hexene; 3-methyl- <i>trans</i> -3-hexene	III/38b 2.1:3944; IV/8a 3.5.4,p.178; IV/8c 2.2:550; IV/20a 2.1:212
5597	C <sub>7</sub> H <sub>14</sub> 98.19 4914-89-0		<i>cis</i> -3-methyl-3-hexene; (Z)-3-methyl-3-hexene; <i>cis</i> -3-methyl-hex-3-ene	III/38b 2.1:3945; IV/8c 2.2:551; IV/20a 2.1:213
5598	C <sub>7</sub> H <sub>14</sub> 98.19 3404-71-5		2-ethyl-1-pentene; 2-ethyl-pent-1-ene	III/38b 2.1:3920; IV/8c 2.2:532; IV/20a 2.1:197
5599	C <sub>7</sub> H <sub>14</sub> 98.19 4038-04-4		3-ethyl-1-pentene; 3-ethyl-pent-1-ene	III/38b 2.1:3921; IV/6 2.1.3:947; IV/8c 2.2:533; IV/20a 2.1:198
5600	C <sub>7</sub> H <sub>14</sub> 98.19 6094-02-6		2-methyl-1-hexene; 2-methyl-hex-1-ene	III/38b 2.1:3931; IV/8c 2.2:542; IV/20a 2.1:206
5601	C <sub>7</sub> H <sub>14</sub> 98.19 816-79-5		3-ethyl-2-pentene; 3-ethyl-pent-2-ene	III/38b 2.1:3922; IV/8c 2.2:534; IV/16 2.1.7:1236; IV/20a 2.1:199
5602	C <sub>7</sub> H <sub>14</sub> 98.19 3404-61-3		3-methyl-1-hexene; 3-methyl-hex-1-ene	III/38b 2.1:3932; IV/8c 2.2:546; IV/20a 2.1:209



5603	C <sub>7</sub> H <sub>14</sub> 98.19 3769-23-1		4-methyl-1-hexene; 4-methyl-hex-1-ene	III/38b 2.1:3933; IV/8c 2.2:552; IV/20a 2.1:214
5604	C <sub>7</sub> H <sub>14</sub> 98.19 16197-41-4		(S)-4-methyl-hex-1-ene	III/38b 2.1:3934
5605	C <sub>7</sub> H <sub>14</sub> 98.19 3683-22-5		2-hexene, 4-methyl-, (E)-; (E)-4-methyl-2-hexene; <i>trans</i> -4-methyl-2-hexene; <i>trans</i> -4-methyl-hex-2-ene	III/38b 2.1:3940; IV/8a 3.5.4,p.178; IV/8c 2.2:553; IV/20a 2.1:215
5606	C <sub>7</sub> H <sub>14</sub> 98.19 3404-55-5		4-methyl-hex-2-ene	III/38b 2.1:3943
5607	C <sub>7</sub> H <sub>14</sub> 98.19 29751-22-2		<i>trans</i> -(S)-4-methyl-hex-2-ene	III/38b 2.1:3939
5608	C <sub>7</sub> H <sub>14</sub> 98.19 3683-19-0		<i>cis</i> -4-methyl-2-hexene; (Z)-4-methyl-2-hexene; <i>cis</i> -4-methyl-hex-2-ene	III/38b 2.1:3942; IV/8c 2.2:554; IV/20a 2.1:216
5609	C <sub>7</sub> H <sub>14</sub> 98.19 29751-21-1		<i>cis</i> -(S)-4-methyl-hex-2-ene	III/38b 2.1:3941
5610	C <sub>7</sub> H <sub>14</sub> 98.19 2738-19-4		2-methyl-2-hexene; 2-methyl-hex-2-ene	III/38b 2.1:3935; IV/6 2.1.3:950; IV/8c 2.2:543; IV/20a 2.1:207
5611	C <sub>7</sub> H <sub>14</sub> 98.19 3524-73-0		5-methyl-1-hexene	IV/8c 2.2:555; IV/20a 2.1:217
5612	C <sub>7</sub> H <sub>14</sub> 98.19 3404-73-7		3,3-dimethyl-1-pentene; 3,3-dimethyl-pent-1-ene	III/38b 2.1:3907; IV/8a 3.5.4,p.177; IV/8c 2.2:522; IV/20a 2.1:188
5613	C <sub>7</sub> H <sub>14</sub> 98.19 762-62-9		4,4-dimethyl-1-pentene; 4,4-dimethyl-pent-1-ene; neoamylethylene	III/38b 2.1:3909; IV/8c 2.2:527; IV/20a 2.1:192
5614	C <sub>7</sub> H <sub>14</sub> 98.19 26232-98-4		4,4-dimethyl-2-pentene; 2,2-dimethyl-3-pentene; 4,4-dimethyl-pent-2-ene	III/38b 2.1:3915; IV/8c 2.2:528
5615	C <sub>7</sub> H <sub>14</sub> 98.19 690-08-4		(E)-4,4-dimethyl-2-pentene; <i>trans</i> -4,4-dimethyl-2-pentene; <i>trans</i> -1-tert-butyl-2-methylethylene	III/38b 2.1:3916; IV/8c 2.2:529; IV/20a 2.1:193
5616	C <sub>7</sub> H <sub>14</sub> 98.19 762-63-0		<i>cis</i> -4,4-dimethyl-2-pentene; (Z)-4,4-dimethyl-2-pentene; <i>cis</i> -1-tert-butyl-2-methylethylene	III/38b 2.1:3917; IV/8c 2.2:530; IV/20a 2.1:194
5617	C <sub>7</sub> H <sub>14</sub> 98.19 2213-32-3		2,4-dimethyl-1-pentene; 2,4-dimethyl-pent-1-ene	III/38b 2.1:3906; IV/8a 3.5.4,p.177; IV/8c 2.2:520; IV/20a 2.1:186

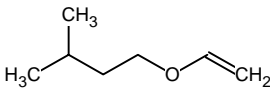
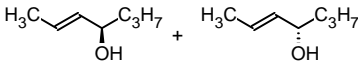
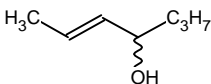
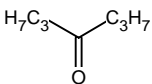
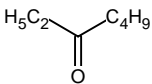
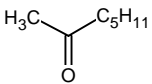
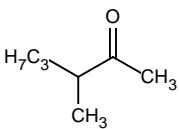
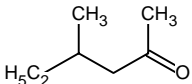
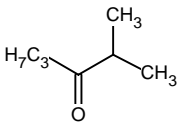
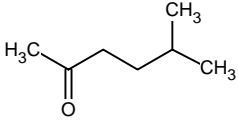
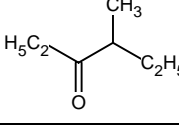
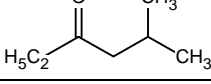
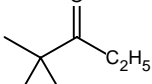
5618	C <sub>7</sub> H <sub>14</sub> 98.19 3404-72-6		2,3-dimethyl-1-pentene; 2,3-dimethyl-pent-1-ene	III/38b 2.1:3905; IV/8c 2.2:518; IV/20a 2.1:184
5619	C <sub>7</sub> H <sub>14</sub> 98.19 7357-93-9		2-ethyl-3-methyl-1-butene; 2-ethyl-3-methyl-but-1-ene; 3-methyl-2-ethyl-1-butene	III/38b 2.1:3919; IV/8c 2.2:531; IV/20a 2.1:196
5620	C <sub>7</sub> H <sub>14</sub> 98.19 7385-78-6		3,4-dimethyl-1-pentene; 3,4-dimethyl-pent-1-ene	III/38b 2.1:3908; IV/8c 2.2:523; IV/20a 2.1:189
5621	C <sub>7</sub> H <sub>14</sub> 98.19 24910-63-2		3,4-dimethyl-2-pentene; <i>cis/trans</i> -3,4-dimethyl-2-pentene	III/38b 2.1:3914; IV/8c 2.2:524
5622	C <sub>7</sub> H <sub>14</sub> 98.19 4914-92-5		<i>trans</i> -3,4-dimethyl-2-pentene; (E)-2,3-dimethyl-3-pentene; 3,4-dimethyl- <i>trans</i> -2-pentene; 2-pentene, 3,4-dimethyl-, (E)-	III/38b 2.1:3912; IV/8a 3.5.4,p.177; IV/8c 2.2:525; IV/20a 2.1:190
5623	C <sub>7</sub> H <sub>14</sub> 98.19 4914-91-4		<i>cis</i> -3,4-dimethyl-2-pentene; (Z)-3,4-dimethyl-2-pentene; <i>cis</i> -3,4-dimethyl-pent-2-ene	III/38b 2.1:3913; IV/8a 3.5.4,p.177; IV/8c 2.2:526; IV/20 2.1:191
5624	C <sub>7</sub> H <sub>14</sub> 98.19 625-65-0		2,4-dimethyl-2-pentene; 2,4-dimethyl-pent-2-ene; 2-pentene, 2,4-dimethyl-	III/38b 2.1:3911; IV/8c 2.2:521; IV/20a 2.1:187
5625	C <sub>7</sub> H <sub>14</sub> 98.19 10574-37-5		2,3-dimethyl-2-pentene; 2,3-dimethyl-pent-2-ene; 2-pentene, 2,3-dimethyl-	III/38b 2.1:3910; IV/8c 2.2:519; IV/20a 2.1:185
5626	C <sub>7</sub> H <sub>14</sub> 98.19 594-56-9		1-tert-butyl-1-methylethylene; 2,3,3-trimethyl-1-butene; triptene	III/38b 2.1:3947; IV/8c 2.2:558; IV/20a 2.1:220
5627	C <sub>7</sub> H <sub>14</sub> 98.19 930-57-4		butylcyclopropane; cyclopropane, butyl-	IV/8d 2.3.1:25
5628	C <sub>7</sub> H <sub>14</sub> 98.19 1003-19-6		cyclopropane, 1,1-diethyl-; 1,1-diethylcyclopropane; gem-diethylcyclopropane	IV/8d 2.3.1:26
5629	C <sub>7</sub> H <sub>14</sub> 98.19 13150-79-3		1-isopropyl-1-methylcyclopropane; 1-methyl-1-isopropylcyclopropane; propane, 2-(1-methylcyclopropyl)-	IV/8d 2.3.1:30
5630	C <sub>7</sub> H <sub>14</sub> 98.19		<i>cis</i> -1-methyl-2-propylcyclopropane; propane, 1-(2-methylcyclopropyl)-, <i>cis</i> -	IV/8d 2.3.1:34

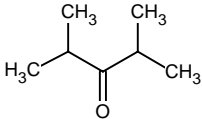
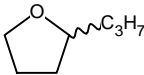
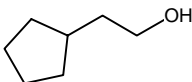
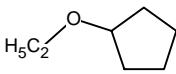
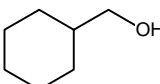
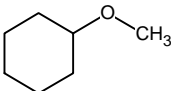
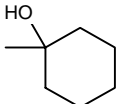


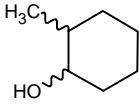
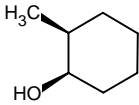
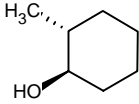
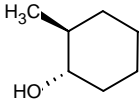
5631	C <sub>7</sub> H <sub>14</sub> 98.19		<i>trans</i> -1-methyl-2-propylcyclopropane; propane, 1-(2-methylcyclopropyl)-, <i>trans</i> -	IV/8d 2.3.1:35
5632	C <sub>7</sub> H <sub>14</sub> 98.19 19217-48-2		cyclopropane, 1-methyl-2-propyl-; 1-methyl-2-propylcyclopropane; propane, 1-(2-methylcyclopropyl)-	IV/8d 2.3.1:33
5633	C <sub>7</sub> H <sub>14</sub> 98.19 41845-47-0		1,1-dimethyl-2-ethylcyclopropane; 2-ethyl-1,1-dimethylcyclopropane; 1-ethyl-2,2-dimethylcyclopropane	IV/8d 2.3.1:27
5634	C <sub>7</sub> H <sub>14</sub> 98.19 4127-47-3		cyclopropane, 1,1,2,2-tetramethyl-; 1,1,2,2-tetramethylcyclopropane	IV/8d 2.3.1:36
5635	C <sub>7</sub> H <sub>14</sub> 98.19 5750-02-7		2-cyclopropylbutane; (1-methylpropyl)cyclopropane; <i>sec</i> -butylcyclopropane	IV/8d 2.3.1:32
5636	C <sub>7</sub> H <sub>14</sub> 98.19 78757-65-0		1-isopropyl-2-methylcyclopropane; 1-methyl-2-(1-methylethyl)cyclopropane; 1-methyl-2-isopropylcyclopropane	IV/8d 2.3.1:31
5637	C <sub>7</sub> H <sub>14</sub> 98.19		cyclopropane, 1-ethyl-2,3-dimethyl-, <i>cis</i> -; <i>cis</i> -1-ethyl-2,3-dimethylcyclopropane	IV/8d 2.3.1:28
5638	C <sub>7</sub> H <sub>14</sub> 98.19		cyclopropane, 1-ethyl-2,3-dimethyl-, <i>trans</i> -; <i>trans</i> -1-ethyl-2,3-dimethylcyclopropane	IV/8d 2.3.1:29
5639	C <sub>7</sub> H <sub>14</sub> 98.19 4806-62-6		1-cyclobutylpropane; propane, 1-cyclobutyl-; propylcyclobutane	IV/8d 2.3.2:40
5640	C <sub>7</sub> H <sub>14</sub> 98.19 872-56-0		isopropylcyclobutane; (1-methylethyl)cyclobutane	IV/8d 2.3.2:39
5641	C <sub>7</sub> H <sub>14</sub> 98.19		<i>cis</i> -1-ethyl-3-methylcyclobutane	IV/8d 2.3.2:37
5642	C <sub>7</sub> H <sub>14</sub> 98.19		<i>trans</i> -1-ethyl-3-methylcyclobutane	IV/8d 2.3.2:38
5643	C <sub>7</sub> H <sub>14</sub> 98.19 1640-89-7		ethylcyclopentane	III/38b 2.1:3918; IV/8a 3.5.4,p.177; IV/8d 2.3.3:41; IV/16 2.1.7:1235; IV/20a 2.1:195
5644	C <sub>7</sub> H <sub>14</sub> 98.19 1638-26-2		1,1-dimethylcyclopentane	III/38b 2.1:3895; IV/8a 3.5.4,p.176; IV/8d 2.3.3:42; IV/16 2.1.7:1234; IV/20a 2.1:179

5645	C <sub>7</sub> H <sub>14</sub> 98.19 1192-18-3		cyclopentane, 1, <i>cis</i> -2-dimethyl-; 1, <i>cis</i> -2-dimethylcyclopentane; <i>cis</i> -1,2-dimethylcyclopentane	III/38b 2.1:3896; IV/8a 3.5.4,p.176; IV/8d 2.3.3:44; IV/20a 2.1:180
5646	C <sub>7</sub> H <sub>14</sub> 98.19 822-50-4		cyclopentane, 1, <i>trans</i> -2-dimethyl-; 1, <i>trans</i> -2-dimethylcyclopentane; <i>trans</i> -1,2-dimethylcyclopentane	III/38b 2.1:3897; IV/8a 3.5.4,p.176; IV/8d 2.3.3:45; IV/20a 2.1:181
5647	C <sub>7</sub> H <sub>14</sub> 98.19 2452-99-5		1,2-dimethylcyclopentane	III/38b 2.1:3899; IV/8d 2.3.3:43
5648	C <sub>7</sub> H <sub>14</sub> 98.19 134932-08-4		(1 <i>S</i> )- <i>trans</i> -1,2-dimethyl-cyclopentane	III/38b 2.1:3898
5649	C <sub>7</sub> H <sub>14</sub> 98.19 1759-58-6		cyclopentane, 1, <i>trans</i> -3-dimethyl-; 1, <i>trans</i> -3-dimethylcyclopentane; <i>trans</i> -1,3-dimethylcyclopentane	III/38b 2.1:3901; IV/8a 3.5.4,p.177; IV/8d 2.3.3:48; IV/20a 2.1:183
5650	C <sub>7</sub> H <sub>14</sub> 98.19 2532-58-3		cyclopentane, 1, <i>cis</i> -3-dimethyl-; 1, <i>cis</i> -3-dimethylcyclopentane; <i>cis</i> -1,3-dimethylcyclopentane	III/38b 2.1:3900; IV/8a 3.5.4,p.176; IV/8d 2.3.3:47; IV/20a 2.1:182
5651	C <sub>7</sub> H <sub>14</sub> 98.19 2453-00-1		1,3-dimethylcyclopentane	III/38b 2.1:3904; IV/8d 2.3.3:46
5652	C <sub>7</sub> H <sub>14</sub> 98.19		(1 <i>S</i> )- <i>trans</i> -1,3-dimethyl-cyclopentane	III/38b 2.1:3902
5653	C <sub>7</sub> H <sub>14</sub> 98.19 930-58-5		(1 <i>R</i> )- <i>trans</i> -1,3-dimethyl-cyclopentane	III/38b 2.1:3903
5654	C <sub>7</sub> H <sub>14</sub> 98.19 108-87-2	 see also: 4954(D)	hexahydrodoluene; hexahydrotoluene; methylcyclohexane	III/38b 2.1:3930; IV/6 2.1.3:949; IV/8a 3.5.4,p.178; IV/8d 2.3.4:49; IV/16 2.1.7:1238; IV/20a 2.1:205; Mixtures: III/38a 3.1:97, 457, 501, 767, 828, 863; IV/6 3.1:899; IV/16 3.1.4:127, 298, 325, 449, 544, 581, 607, 653, 681, 686, 698
5655	C <sub>7</sub> H <sub>14</sub> 98.19 291-64-5		cycloheptane	III/38b 2.1:3894; IV/6 2.1.3:946; IV/8a 3.5.4,p.175; IV/8d 2.3.4:50; IV/16 2.1.7:1233; IV/20a 2.1:178
5656	C <sub>7</sub> H <sub>14</sub> BrF 197.10 334-42-9		1-bromo-7-fluoro-heptane	III/38b 2.1:3948

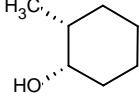
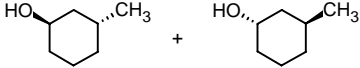
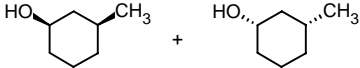
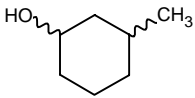
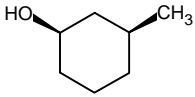
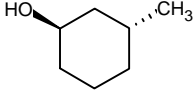
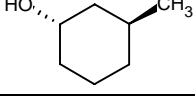
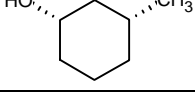
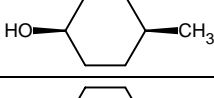
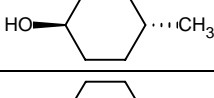
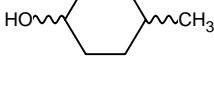
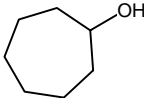
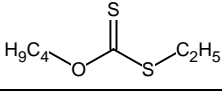
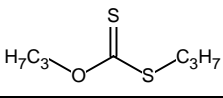
5657	C <sub>7</sub> H <sub>14</sub> Br <sub>2</sub> 258.01 4549-31-9		1,7-dibromo-heptane	III/38b 2.1:3950; IV/16 2.1.7:1239
5658	C <sub>7</sub> H <sub>14</sub> Br <sub>2</sub> 258.01 59104-79-9		1,1-dibromoheptane; heptane, 1,1-dibromo-	IV/20a 4.5:1265
5659	C <sub>7</sub> H <sub>14</sub> Br <sub>2</sub> 258.01 42474-21-5		dibromoheptane; 1,2-dibromoheptane	III/38b 2.1:3949; IV/6 2.1.3:952; IV/20a 4.5:1266
5660	C <sub>7</sub> H <sub>14</sub> Br <sub>2</sub> 258.01 21266-88-6		2,3-dibromoheptane	III/38b 2.1:3951; IV/6 2.1.3:953
5661	C <sub>7</sub> H <sub>14</sub> Br <sub>2</sub> 258.01 21266-90-0		3,4-dibromoheptane	III/38b 2.1:3952; IV/6 2.1.3:954
5662	C <sub>7</sub> H <sub>14</sub> ClF 152.64 334-43-0		1-chloro-7-fluoro-heptane	III/38b 2.1:3953
5663	C <sub>7</sub> H <sub>14</sub> ClNO 163.65 32322-78-4		2-chloro-N-pentyl-acetamide	III/38b 2.1:3954
5664	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 821-76-1		1,7-dichloroheptane	III/38b 2.1:3960; IV/6 2.1.3:951; IV/16 2.1.7:1240; IV/20a 4.5:1269; Mixtures: IV/6 3.1:823
5665	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 821-25-0		1,1-dichloroheptane; heptane, 1,1-dichloro-	IV/20a 4.5:1267
5666	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 10575-87-8		1,2-dichloroheptane	III/38b 2.1:3958; IV/20a 4.5:1268
5667	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 65786-09-6		2,2-dichloro-heptane	III/38b 2.1:3959
5668	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 62496-53-1		1,5-dichloro-3,3-dimethyl-pentane	III/38b 2.1:3956
5669	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 6065-90-3		1,2-dichloro-4,4-dimethyl-pentane	III/38b 2.1:3955
5670	C <sub>7</sub> H <sub>14</sub> Cl <sub>2</sub> 169.10 33553-93-4		2,4-dichloro-2,4-dimethyl-pentane	III/38b 2.1:3957
5671	C <sub>7</sub> H <sub>14</sub> F <sub>2</sub> 136.19 407-96-5		1,1-difluoroheptane; heptane, 1,1-difluoro-	IV/20a 4.5:1270

5672	C <sub>7</sub> H <sub>14</sub> I <sub>2</sub> 352.00 51526-03-5		1,7-diiodo-heptane	III/38b 2.1:3961; IV/16 2.1.7:1241
5673	C <sub>7</sub> H <sub>14</sub> NO <sub>5</sub> P 223.17 6923-22-4		apadrin; azodrin; corophos; 3-hydroxy-N-methyl-cis-crotonamide dimethyl phosphate; monocil; monocos; monocron; monocrotophos; nuvacron	IV/8a 3.5.4,p.178
5674	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> 126.20 693-51-6		3-(butylamino)-propionitrile	IV/16 2.1.7:1242
5675	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> 126.20 5351-04-2		N-(2-cyanoethyl)diethylamine; 3-(diethylamino)propanenitrile; 3-(diethylamino)propionitrile	IV/8a 3.5.4,p.179; IV/16 2.1.7:1243
5676	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> 126.20 693-13-0		isopropyl-(isopropylimino-methylene)-amine	IV/16 2.1.7:1244
5677	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> 158.20 37933-88-3		N-acetyl-L-valinamide; (S)-2-(acetylamino)-3-methylbutanamide; butanamide, 2-(acetylamino)-3-methyl-, (S)-	IV/8a 3.5.4,p.179
5678	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub> S 190.27 116-06-3		aldicarb; 2-methyl-2-(methylthio)propanal O-[(methylamino)carbonyl]oxime; 2-methyl-2-(methylthio)propionaldehyde, O-methylcarbamoyloxime	IV/8a 3.5.4,p.179
5679	C <sub>7</sub> H <sub>14</sub> N <sub>2</sub> O <sub>6</sub> 222.20 3457-94-1		1,7-bis-nitroxy-heptane	IV/16 2.1.7:1245
5680	C <sub>7</sub> H <sub>14</sub> O 114.19 22104-77-4		hept-2-en-1-ol	III/38b 2.1:3973
5681	C <sub>7</sub> H <sub>14</sub> O 114.19 33467-76-4		trans-hept-2-en-1-ol	III/38b 2.1:3971
5682	C <sub>7</sub> H <sub>14</sub> O 114.19 55454-22-3		cis-2-hepten-1-ol	III/38b 2.1:3972
5683	C <sub>7</sub> H <sub>14</sub> O 114.19 5363-63-3		1-(ethenyloxy)-pentane	IV/16 2.1.7:1259
5684	C <sub>7</sub> H <sub>14</sub> O 114.19 111-71-7		enantaldehyde; heptaldehyde; heptanal; heptyl aldehyde; 1-hexanecarbaldehyde	III/38b 2.1:3967; IV/6 2.1.3:959; IV/8a 3.5.4,p.179; IV/16 2.1.7:1251; Mixtures: III/38a 3.1:356, 434
5685	C <sub>7</sub> H <sub>14</sub> O 114.19 19269-28-4		3-methyl-hexanal	III/38b 2.1:3996

5686	C <sub>7</sub> H <sub>14</sub> O 114.19 39782-38-2		(3-methyl-butoxy)-ethene	III/38b 2.1:3977
5687	C <sub>7</sub> H <sub>14</sub> O 114.19 133646-94-3		(±)- <i>trans</i> -hept-2-en-4-ol	III/38b 2.1:3974
5688	C <sub>7</sub> H <sub>14</sub> O 114.19 4798-59-8		hept-2-en-4-ol	III/38b 2.1:3975
5689	C <sub>7</sub> H <sub>14</sub> O 114.19 123-19-3		heptan-4-one; 4-heptanone	III/38b 2.1:3970; IV/6 2.1.3:957; IV/16 2.1.7:1254
5690	C <sub>7</sub> H <sub>14</sub> O 114.19 106-35-4		heptan-3-one; 3-heptanone	III/38b 2.1:3969; IV/6 2.1.3:956; IV/16 2.1.7:1253
5691	C <sub>7</sub> H <sub>14</sub> O 114.19 110-43-0		heptan-2-one; 2-heptanone	III/38b 2.1:3968; IV/6 2.1.3:955; IV/16 2.1.7:1252; Mixtures: III/38a 3.1:322
5692	C <sub>7</sub> H <sub>14</sub> O 114.19 2550-21-2		3-methyl-hexan-2-one	III/38b 2.1:3997
5693	C <sub>7</sub> H <sub>14</sub> O 114.19 105-42-0		4-methyl-hexan-2-one	III/38b 2.1:3998
5694	C <sub>7</sub> H <sub>14</sub> O 114.19 7379-12-6		2-methyl-hexan-3-one	III/38b 2.1:4000
5695	C <sub>7</sub> H <sub>14</sub> O 114.19 110-12-3		5-methyl-2-hexanone; 5-methyl-hexan-2-one	III/38b 2.1:3999; IV/6 2.1.3:958; Mixtures: III/38a 3.1:323
5696	C <sub>7</sub> H <sub>14</sub> O 114.19 17042-16-9		4-methyl-hexan-3-one	III/38b 2.1:4001
5697	C <sub>7</sub> H <sub>14</sub> O 114.19 623-56-3		5-methyl-hexan-3-one	III/38b 2.1:4002
5698	C <sub>7</sub> H <sub>14</sub> O 114.19 564-04-5		2,2-dimethyl-pentan-3-one	III/38b 2.1:3965

5699	C <sub>7</sub> H <sub>14</sub> O 114.19 565-80-0		diisopropyl ketone; 2,4-dimethyl-3-pentanone; isobutyron	III/38b 2.1:3966; IV/8a 3.5.4,p.179; Mixtures: III/38a 3.1:864
5700	C <sub>7</sub> H <sub>14</sub> O 114.19 3208-22-8		2-propyl-tetrahydro-furan	III/38b 2.1:4003
5701	C <sub>7</sub> H <sub>14</sub> O 114.19 766-00-7		2-cyclopentyl-ethanol	III/38b 2.1:3964
5702	C <sub>7</sub> H <sub>14</sub> O 114.19 26306-40-1		ethoxy-cyclopentane	IV/16 2.1.7:1247
5703	C <sub>7</sub> H <sub>14</sub> O 114.19 100-49-2		cyclohexyl methanol	III/38b 2.1:3963; IV/6 2.1.3:960; Mixtures: IV/6 3.1:70, 642, 773
5704	C <sub>7</sub> H <sub>14</sub> O 114.19 931-56-6		methoxy-cyclohexane	III/38b 2.1:3976; IV/16 2.1.7:1255
5705	C <sub>7</sub> H <sub>14</sub> O 114.19 590-67-0		1-methyl-cyclohexanol	III/38b 2.1:3978
5706	C <sub>7</sub> H <sub>14</sub> O 114.19 7443-52-9		(±)- <i>trans</i> -2-methyl-cyclohexanol	III/38b 2.1:3982
5707	C <sub>7</sub> H <sub>14</sub> O 114.19 7443-70-1		(±)- <i>cis</i> -2-methyl-cyclohexanol	III/38b 2.1:3979
5708	C <sub>7</sub> H <sub>14</sub> O 114.19 583-59-5		2-methylcyclohexanol	III/38b 2.1:3985; IV/6 2.1.3:961; IV/16 2.1.7:1248, 1256; Mixtures: IV/16 3.1.4:206, 608
5709	C <sub>7</sub> H <sub>14</sub> O 114.19 19043-02-8		(1R)- <i>cis</i> -2-methyl-cyclohexanol	III/38b 2.1:3980
5710	C <sub>7</sub> H <sub>14</sub> O 114.19 19043-03-9		(1R)- <i>trans</i> -2-methyl-cyclohexanol	III/38b 2.1:3983
5711	C <sub>7</sub> H <sub>14</sub> O 114.19 15963-37-8		(1S)- <i>trans</i> -2-methyl-cyclohexanol	III/38b 2.1:3984



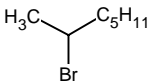
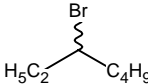
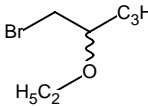
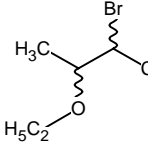
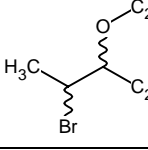
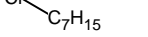
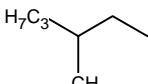
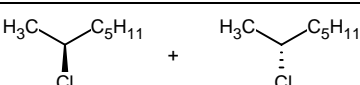
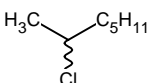
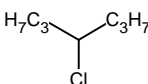
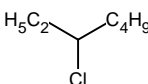
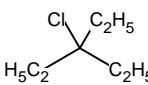
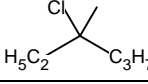
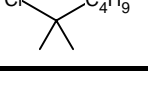
5712	C <sub>7</sub> H <sub>14</sub> O 114.19 15963-35-6		(1S)- <i>cis</i> -2-methyl-cyclohexanol	III/38b 2.1:3981
5713	C <sub>7</sub> H <sub>14</sub> O 114.19 7443-55-2		(±)- <i>trans</i> -3-methyl-cyclohexanol	III/38b 2.1:3989
5714	C <sub>7</sub> H <sub>14</sub> O 114.19 5454-79-5		(±)- <i>cis</i> -3-methyl-cyclohexanol	III/38b 2.1:3986
5715	C <sub>7</sub> H <sub>14</sub> O 114.19 591-23-1		3-methylcyclohexanol	III/38b 2.1:3992; IV/6 2.1.3:962; IV/16 2.1.7:1249, 1257; Mixtures: IV/16 3.1.4:207, 609
5716	C <sub>7</sub> H <sub>14</sub> O 114.19 24965-91-1		(1R)- <i>cis</i> -3-methyl-cyclohexanol	III/38b 2.1:3988
5717	C <sub>7</sub> H <sub>14</sub> O 114.19 24965-94-4		(1R)- <i>trans</i> -3-methyl-cyclohexanol	III/38b 2.1:3991
5718	C <sub>7</sub> H <sub>14</sub> O 114.19 50538-78-8		(1S)- <i>trans</i> -3-methyl-cyclohexanol	III/38b 2.1:3990
5719	C <sub>7</sub> H <sub>14</sub> O 114.19 24965-92-2		(1S)- <i>cis</i> -3-methyl-cyclohexanol	III/38b 2.1:3987
5720	C <sub>7</sub> H <sub>14</sub> O 114.19 7731-28-4		<i>cis</i> -4-methyl-cyclohexanol	III/38b 2.1:3993
5721	C <sub>7</sub> H <sub>14</sub> O 114.19 7731-29-5		<i>trans</i> -4-methyl-cyclohexanol	III/38b 2.1:3994
5722	C <sub>7</sub> H <sub>14</sub> O 114.19 589-91-3		4-methylcyclohexanol	III/38b 2.1:3995; IV/6 2.1.3:963; IV/16 2.1.7:1250, 1258; Mixtures: IV/6 3.1:712; IV/16 3.1.4:208, 610
5723	C <sub>7</sub> H <sub>14</sub> O 114.19 502-41-0		cycloheptanol	III/38b 2.1:3962; IV/8a 3.5.4,p.179; IV/16 2.1.7:1246
5724	C <sub>7</sub> H <sub>14</sub> OS <sub>2</sub> 178.32 59864-58-3		dithiocarbonic acid O-butyl, S-ethyl ester	IV/16 2.1.7:1260
5725	C <sub>7</sub> H <sub>14</sub> OS <sub>2</sub> 178.32		dithiocarbonic acid O,S-dipropyl ester	IV/16 2.1.7:1262

5726	C <sub>7</sub> H <sub>14</sub> OS <sub>2</sub> 178.32 2594-90-3		dithiocarbonic acid S-butyl, O-ethyl ester	IV/16 2.1.7:1261
5727	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 629-33-4		formic acid hexyl ester	III/38b 2.1:4017; IV/16 2.1.7:1268
5728	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 111-14-8		enanthic acid; heptanoic acid; heptylic acid	III/38b 2.1:4018; IV/6 2.1.3:971; IV/8a 3.5.4,p.180; IV/16 2.1.7:1269; Mixtures: III/38a 3.1:592, 865; IV/16 3.1.4:174, 523
5729	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 106-70-7		caproic acid, methyl ester; hexanoic acid, methyl ester; methyl caproate; methyl hexanoate	III/38b 2.1:4019; IV/6 2.1.3:964; IV/8a 3.5.4,p.180; IV/16 2.1.7:1270; Mixtures: IV/6 3.1:120
5730	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 3054-95-3		3,3-diethoxy-propene	III/38b 2.1:4012
5731	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 628-63-7		acetic acid pentyl ester; 1-pentyl acetate	III/38b 2.1:4005; IV/6 2.1.3:968; IV/16 2.1.7:1264; Mixtures: IV/6 3.1:900; IV/16 3.1.4:450, 488
5732	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 539-82-2		ethyl pentanoate; pentanoic acid ethyl ester	III/38b 2.1:4031; IV/6 2.1.3:965; IV/16 2.1.7:1275
5733	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 105-66-8		butanoic acid propyl ester; butyric acid propyl ester; 1-propyl butanoate	III/38b 2.1:4010; IV/6 2.1.3:967; IV/16 2.1.7:1265
5734	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 590-01-2		1-butyl propanoate; propanoic acid butyl ester; propionic acid butyl ester	III/38b 2.1:4032; IV/6 2.1.3:973; IV/16 2.1.7:1276
5735	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 638-11-9		butyric acid isopropyl ester	III/38b 2.1:4009
5736	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 7452-79-1		2-methyl-butyrac acid ethyl ester	III/38b 2.1:4023
5737	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 10307-61-6		(S)-2-methyl-butyrac acid ethyl ester	III/38b 2.1:4022

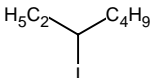
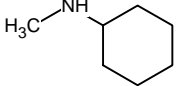
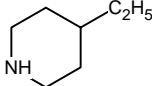
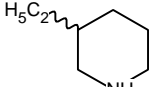
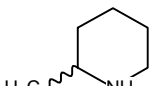
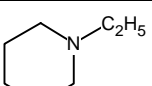
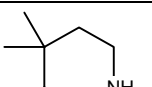
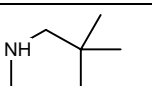
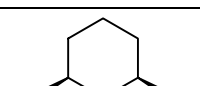
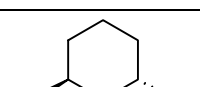
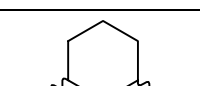
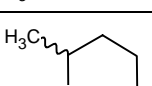
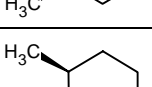
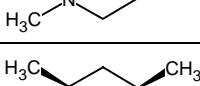
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5739	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 51703-97-0		(R)-2-methyl-hexanoic acid	III/38b 2.1:4025
5740	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 1561-11-1		4-methyl-hexanoic acid	III/38b 2.1:4029
5741	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 52745-93-4		(R)-4-methyl-hexanoic acid	III/38b 2.1:4028
5742	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 1730-89-8		(S)-4-methyl-hexanoic acid	III/38b 2.1:4027
5743	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 108-64-5		ethyl 3-methylbutanoate; 3-methyl-butyrac acid ethyl ester; 3-methylbutanoic acid ethyl ester	III/38b 2.1:4024; IV/6 2.1.3:970; IV/16 2.1.7:1271; Mixtures: III/38a 3.1:775
5744	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 816-11-5		2-ethyl-butyrac acid methyl ester	III/38b 2.1:4015
5745	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 628-46-6		5-methyl-hexanoic acid	III/38b 2.1:4030
5746	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 123-92-2		acetic acid 3-methylbutyl ester; 3-methyl-1-butyl acetate	III/38b 2.1:4004; IV/6 2.1.3:969; IV/16 2.1.7:1263; Mixtures: IV/6 3.1:119, 901, 903
5747	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 58888-87-2		3-ethyl-pentanoic acid	III/38b 2.1:4016
5748	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 626-38-0		acetic acid 2-pentyl ester	III/38b 2.1:4006
5749	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 620-11-1		acetic acid 3-pentyl ester	III/38b 2.1:4007
5750	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 540-42-1		propanoic acid 2-methylpropyl ester; propionic acid isobutyl ester	III/38b 2.1:4034; IV/16 2.1.7:1277

5751	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 644-49-5		isobutyric acid propyl ester; 2-methylpropanoic acid propyl ester	III/38b 2.1:4021; IV/16 2.1.7:1274
5752	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 591-34-4		propionic acid sec-butyl ester	III/38b 2.1:4033
5753	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 3938-95-2		2,2-dimethyl-propionic acid ethyl ester	III/38b 2.1:4014
5754	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 625-16-1		acetic acid tert-pentyl ester	III/38b 2.1:4008
5755	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 1185-39-3		2,2-dimethyl pentanoic acid	III/38b 2.1:4013; IV/6 2.1.3:966
5756	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 617-50-5		isobutyric acid isopropyl ester	III/38b 2.1:4020
5757	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 35194-55-9		cis-2-ethyl-5-methyl-1,3-dioxane	IV/16 2.1.7:1266
5758	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 35194-54-8		trans-2-ethyl-5-methyl-1,3-dioxane	IV/16 2.1.7:1267
5759	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 25924-90-7		cis-2-methyl-5-ethyl-1,3-dioxane	IV/16 2.1.7:1272
5760	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub> 130.19 25924-91-8		trans-2-methyl-5-ethyl-1,3-dioxane	IV/16 2.1.7:1273
5761	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 4890-38-4		3-hydroxy-propanoic acid butyl ester	IV/16 2.1.7:1283
5762	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 14144-39-9		3-propoxy-propanoic acid methyl ester	IV/16 2.1.7:1285
5763	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 30714-78-4		carbonic acid butyl ethyl ester	IV/16 2.1.7:1279
5764	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 763-69-9		3-ethoxy-propanoic acid ethyl ester	IV/16 2.1.7:1281
5765	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 623-96-1		carbonic acid dipropyl ester	III/38b 2.1:4036; IV/16 2.1.7:1280

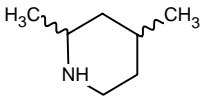
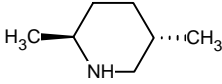
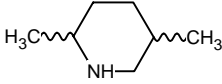
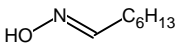
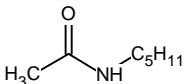
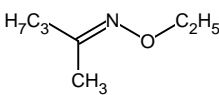
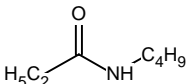
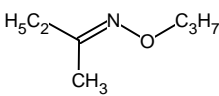
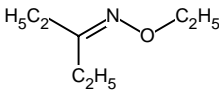
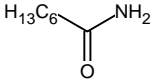
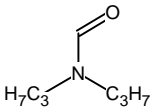
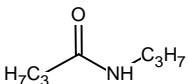
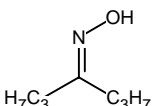
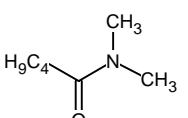
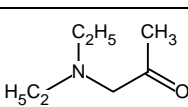
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5767	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 10228-54-3		butoxyacetic acid methyl ester	IV/16 2.1.7:1278
5768	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 138-22-7		2-hydroxy-propanoic acid butyl ester; lactic acid butyl ester	III/38b 2.1:4037; IV/16 2.1.7:1282
5769	C <sub>7</sub> H <sub>14</sub> O <sub>3</sub> 146.19 6482-34-4		carbonic acid diisopropyl ester	III/38b 2.1:4035
5770	C <sub>7</sub> H <sub>14</sub> O <sub>4</sub> 162.19 557-25-5		butanoic acid 2,3-dihydroxypropyl ester	III/38b 2.1:4039
5771	C <sub>7</sub> H <sub>14</sub> O <sub>4</sub> 162.19 5309-42-2		butanoic acid (R)-2,3-dihydroxypropyl ester	III/38b 2.1:4038
5772	C <sub>7</sub> H <sub>14</sub> O <sub>5</sub> 178.19 626-84-6		carbonic acid bis-(2-methoxy-ethyl ester)	III/38b 2.1:4040
5773	C <sub>7</sub> H <sub>14</sub> S 130.25 37850-75-2		allyl tert-butyl sulfide; butyl 2-propenyl sulfide; 3-(tert-butylthio)propene	IV/20a 3.2:399
5774	C <sub>7</sub> H <sub>14</sub> S 130.25 1151-34-4		2-propyl-tetrahydrothiophene	IV/16 2.1.7:1286
5775	C <sub>7</sub> H <sub>14</sub> Si 126.28		1-silabicyclo[2.2.2]octane	II/14a 2.4.2:93a
5776	C <sub>7</sub> H <sub>15</sub> B <sub>3</sub> F <sub>3</sub> N <sub>3</sub> 230.65 20453-68-3		1,2,3,4,5-pentamethyl-6- (trifluorovinyl)borazine	IV/20a 4.5:1271
5777	C <sub>7</sub> H <sub>15</sub> Br 179.11 629-04-9		1-bromoheptane; heptyl bromide	III/38b 2.1:4041; IV/6 2.1.3:978; IV/8a 3.5.4,p.181; IV/16 2.1.7:1287; IV/20a 4.5:1272; Mixtures: III/38a 3.1:866; IV/6 3.1:934
5778	C <sub>7</sub> H <sub>15</sub> Br 179.11 998-93-6		4-bromoheptane	III/38b 2.1:4044; IV/6 2.1.3:981

5779	C <sub>7</sub> H <sub>15</sub> Br 179.11 1974-04-5		2-bromoheptane; 2-heptyl bromide	III/38b 2.1:4042; IV/6 2.1.3:979; IV/20a 4.5:1273
5780	C <sub>7</sub> H <sub>15</sub> Br 179.11 1974-05-6		3-bromoheptane	III/38b 2.1:4043; IV/6 2.1.3:980
5781	C <sub>7</sub> H <sub>15</sub> BrO 195.11		1-bromo-2-ethoxyheptane	IV/6 2.1.3:982
5782	C <sub>7</sub> H <sub>15</sub> BrO 195.11		3-bromo-2-ethoxyheptane	IV/6 2.1.3:984
5783	C <sub>7</sub> H <sub>15</sub> BrO 195.11		2-bromo-3-ethoxyheptane	IV/6 2.1.3:983
5784	C <sub>7</sub> H <sub>15</sub> Cl 134.65 629-06-1		1-chloroheptane; heptyl chloride; n-heptyl chloride	III/38b 2.1:4050; IV/6 2.1.3:974; IV/16 2.1.7:1289; IV/20a 4.5:1274
5785	C <sub>7</sub> H <sub>15</sub> Cl 134.65 101257-63-0		1-chloro-3-methylhexane	III/38b 2.1:4054
5786	C <sub>7</sub> H <sub>15</sub> Cl 134.65 1001-89-4		2-chloroheptane; (±)-2-chloroheptane	III/38b 2.1:4051; IV/20a 4.5:1275
5787	C <sub>7</sub> H <sub>15</sub> Cl 134.65 52356-94-2		2-chloroheptane	IV/6 2.1.3:975
5788	C <sub>7</sub> H <sub>15</sub> Cl 134.65 998-95-8		4-chloroheptane	III/38b 2.1:4053; IV/6 2.1.3:977
5789	C <sub>7</sub> H <sub>15</sub> Cl 134.65 999-52-0		3-chloroheptane	III/38b 2.1:4052; IV/6 2.1.3:976
5790	C <sub>7</sub> H <sub>15</sub> Cl 134.65 994-25-2		3-chloro-3-ethylpentane	III/38b 2.1:4049; IV/16 2.1.7:1288
5791	C <sub>7</sub> H <sub>15</sub> Cl 134.65 43197-78-0		3-chloro-3-methylhexane	III/38b 2.1:4056; IV/16 2.1.7:1291
5792	C <sub>7</sub> H <sub>15</sub> Cl 134.65 4398-65-6		2-chloro-2-methylhexane	III/38b 2.1:4055; IV/16 2.1.7:1290

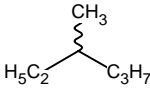
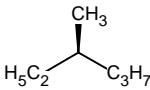
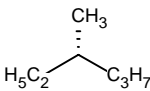
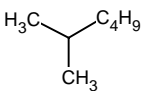
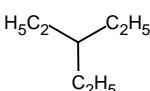
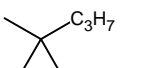
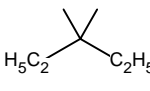
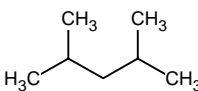
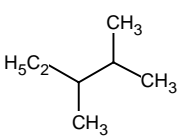
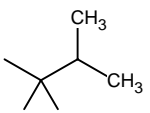
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5794	C <sub>7</sub> H <sub>15</sub> Cl 134.65 59889-45-1		2-chloro-2,3-dimethyl-pentane	III/38b 2.1:4045
5795	C <sub>7</sub> H <sub>15</sub> Cl 134.65 595-38-0		3-chloro-2,3-dimethyl-pentane	III/38b 2.1:4047
5796	C <sub>7</sub> H <sub>15</sub> Cl 134.65 35951-33-8		2-chloro-2,4-dimethyl-pentane	III/38b 2.1:4046
5797	C <sub>7</sub> H <sub>15</sub> ClO 150.65 41589-74-6		(2-chloro-ethyl)-pentyl ether	III/38b 2.1:4057
5798	C <sub>7</sub> H <sub>15</sub> ClO 150.65 55944-70-2		7-chloro-heptan-1-ol	III/38b 2.1:4059
5799	C <sub>7</sub> H <sub>15</sub> ClO 150.65 53660-21-2		1-chloro-heptan-2-ol	III/38b 2.1:4058
5800	C <sub>7</sub> H <sub>15</sub> Cl <sub>2</sub> N 184.11 621-68-1		N-propylbis(2-chloroethyl)amine	IV/20a 4.5:1277
5801	C <sub>7</sub> H <sub>15</sub> Cl <sub>2</sub> N 184.11 52802-03-6		N-ethylbis(2-chloroethyl)amine	IV/20a 4.5:1276
5802	C <sub>7</sub> H <sub>15</sub> Cl <sub>2</sub> N <sub>2</sub> O <sub>2</sub> P 261.09 50-18-0		2-[bis(2-chloroethylamino)]-tetrahydro-2H-1,3,2-oxazaphosphorine-2-oxide; cyclophosphamide	IV/8a 3.5.4,p.181
5803	C <sub>7</sub> H <sub>15</sub> F 118.20 661-11-0		1-fluoroheptane; n-heptyl fluoride	III/38b 2.1:4060; IV/16 2.1.7:1292; IV/20a 4.5:1278
5804	C <sub>7</sub> H <sub>15</sub> FO 134.20 408-16-2		7-fluoro-heptan-1-ol	III/38b 2.1:4061
5805	C <sub>7</sub> H <sub>15</sub> I 226.10 4282-40-0		heptyl iodide; 1-iodoheptane	III/38b 2.1:4062; IV/6 2.1.3:985; IV/16 2.1.7:1293; IV/20a 4.5:1279; Mixtures: IV/6 3.1:1077
5806	C <sub>7</sub> H <sub>15</sub> I 226.10 18589-29-2		2-iodo-heptane	III/38b 2.1:4063

5807	C <sub>7</sub> H <sub>15</sub> I 226.10 31294-92-5		3-iodoheptane	III/38b 2.1:4064; IV/6 2.1.3:986
5808	C <sub>7</sub> H <sub>15</sub> N 113.20 100-60-7		cyclohexyl-methyl-amine	III/38b 2.1:4065
5809	C <sub>7</sub> H <sub>15</sub> N 113.20 3230-23-7		4-ethyl-piperidine	III/38b 2.1:4080
5810	C <sub>7</sub> H <sub>15</sub> N 113.20 13603-10-6		3-ethyl-piperidine	III/38b 2.1:4079
5811	C <sub>7</sub> H <sub>15</sub> N 113.20 1484-80-6		2-ethyl-piperidine	III/38b 2.1:4078
5812	C <sub>7</sub> H <sub>15</sub> N 113.20 766-09-6		1-ethyl-piperidine	III/38b 2.1:4077
5813	C <sub>7</sub> H <sub>15</sub> N 113.20 4045-30-1		4,4-dimethyl-piperidine	III/38b 2.1:4076
5814	C <sub>7</sub> H <sub>15</sub> N 113.20 1193-12-0		3,3-dimethyl-piperidine	III/38b 2.1:4075
5815	C <sub>7</sub> H <sub>15</sub> N 113.20 766-17-6		<i>cis</i> -2,6-dimethyl-piperidine	III/38b 2.1:4072
5816	C <sub>7</sub> H <sub>15</sub> N 113.20 10066-29-2		<i>trans</i> -2,6-dimethyl-piperidine	III/38b 2.1:4073
5817	C <sub>7</sub> H <sub>15</sub> N 113.20 504-03-0		2,6-dimethyl-piperidine	III/38b 2.1:4074
5818	C <sub>7</sub> H <sub>15</sub> N 113.20 671-36-3		1,2-dimethyl-piperidine	III/38b 2.1:4067
5819	C <sub>7</sub> H <sub>15</sub> N 113.20 52305-66-5		(S)-1,2-dimethyl-piperidine	III/38b 2.1:4066
5820	C <sub>7</sub> H <sub>15</sub> N 113.20 19683-91-1		<i>cis</i> -2,4-dimethyl-piperidine	III/38b 2.1:4068



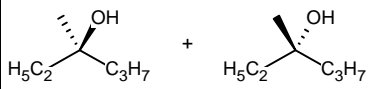
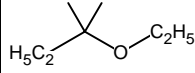

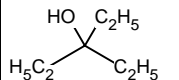
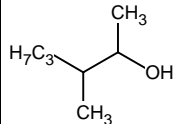
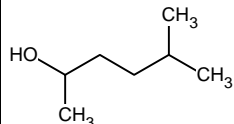
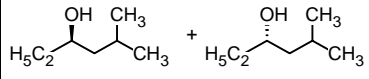
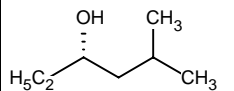
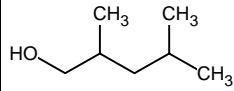
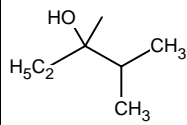
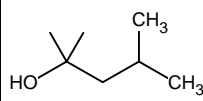
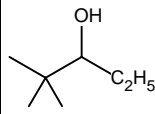
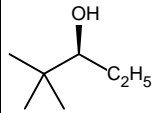
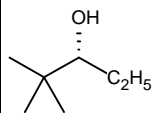
5821	C <sub>7</sub> H <sub>15</sub> N 113.20 6287-19-0		2,4-dimethyl-piperidine	III/38b 2.1:4069
5822	C <sub>7</sub> H <sub>15</sub> N 113.20 32452-45-2		<i>trans</i> -2,5-dimethyl-piperidine	III/38b 2.1:4070
5823	C <sub>7</sub> H <sub>15</sub> N 113.20 34893-50-0		2,5-dimethyl-piperidine	III/38b 2.1:4071
5824	C <sub>7</sub> H <sub>15</sub> NO 129.20 629-31-2		heptanal oxime	IV/16 2.1.7:1295
5825	C <sub>7</sub> H <sub>15</sub> NO 129.20 2524-60-9		N-pentyl-acetamide; N-(1-pentyl)acetamide	III/38b 2.1:4088; IV/6 2.1.3:991
5826	C <sub>7</sub> H <sub>15</sub> NO 129.20		pentan-2-one O-ethylloxime	IV/16 2.1.7:1297
5827	C <sub>7</sub> H <sub>15</sub> NO 129.20 2955-67-1		N-butyl-propionamide; N-(1-butyl)propionamide	III/38b 2.1:4081; IV/6 2.1.3:987
5828	C <sub>7</sub> H <sub>15</sub> NO 129.20 101154-33-0		butan-2-one O-propyloxime	IV/16 2.1.7:1294
5829	C <sub>7</sub> H <sub>15</sub> NO 129.20		pentan-3-one O-ethylloxime	IV/16 2.1.7:1298
5830	C <sub>7</sub> H <sub>15</sub> NO 129.20 628-62-6		heptanamide	III/38b 2.1:4087
5831	C <sub>7</sub> H <sub>15</sub> NO 129.20 6282-00-4		N,N-di(1-propyl)formamide; N,N-dipropyl-formamide	III/38b 2.1:4086; IV/6 2.1.3:989
5832	C <sub>7</sub> H <sub>15</sub> NO 129.20 5129-73-7		N-(1-propyl)butanoicamide; N-propyl-butylamide	III/38b 2.1:4089; IV/6 2.1.3:992
5833	C <sub>7</sub> H <sub>15</sub> NO 129.20 1188-63-2		heptan-4-one oxime	IV/16 2.1.7:1296
5834	C <sub>7</sub> H <sub>15</sub> NO 129.20 6225-06-5		N,N-dimethyl-valeramide; N,N-dimethylpentanoicamide	III/38b 2.1:4085; IV/6 2.1.3:988
5835	C <sub>7</sub> H <sub>15</sub> NO 129.20 1620-14-0		1-diethylamino-propan-2-one	III/38b 2.1:4082

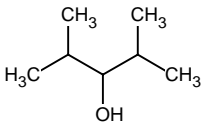
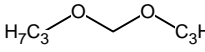

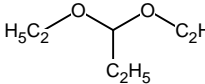
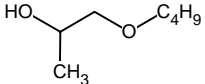
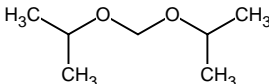
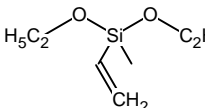
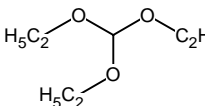
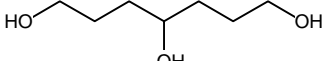
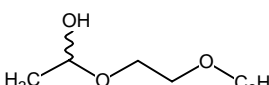
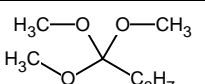
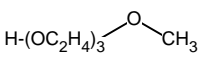
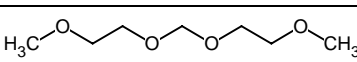
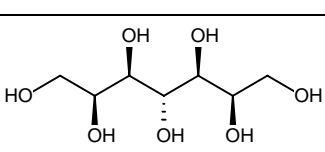
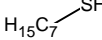
5836	C <sub>7</sub> H <sub>15</sub> NO 129.20 1114-51-8		N,N-diethyl-propionamide	III/38b 2.1:4083
5837	C <sub>7</sub> H <sub>15</sub> NO 129.20 2700-30-3		N,N-di(2-propyl)formamide; N,N-diisopropyl-formamide	III/38b 2.1:4084; IV/6 2.1.3:990
5838	C <sub>7</sub> H <sub>15</sub> NOSn 247.89 757-36-8		triethyl-isocyanato-stannane	IV/16 2.1.2:134
5839	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> 145.20 629-43-6		nitrous acid heptyl ester	III/38b 2.1:4093
5840	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> 145.20 693-39-0		1-nitro-heptane	III/38b 2.1:4092
5841	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> 145.20 539-89-9		isobutyl-carbamic acid ethyl ester	III/38b 2.1:4090
5842	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> 145.20 2109-66-2		1-morpholin-4-yl-propan-2-ol	III/38b 2.1:4091
5843	C <sub>7</sub> H <sub>15</sub> O <sub>3</sub> P 178.17 6156-16-7		2-butoxy-4-methyl-1,3,2-dioxaphospholane	IV/16 2.1.6:323
5844	C <sub>7</sub> H <sub>16</sub> 100.21 142-82-5	C <sub>7</sub> H <sub>16</sub> see also: 4955(D)	heptane; n-heptane	III/38b 2.1:4099; IV/6 2.1.3:998; IV/8a 3.5.4,p.182; IV/8b 2.2:19; IV/16 2.1.7:1304; IV/20a 2.1:226; Mixtures: III/38a 3.1:98, 132, 168, 283, 294, 329, 333, 357, 391, 418, 462, 512, 520, 548-549, 638, 661, 712, 782, 794, 829, 863, 866-873; IV/6 3.1:643, 824, 904-944; IV/16 3.1.4:326, 385, 399, 410, 418, 531, 582, 611, 654, 667, 678, 687, 699, 704

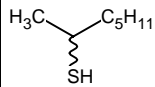
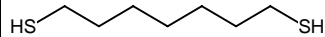
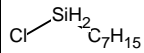
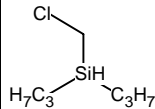
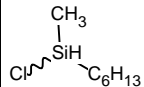
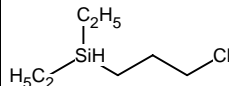
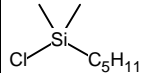
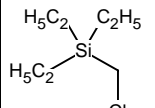
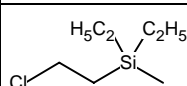
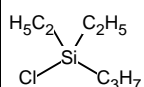
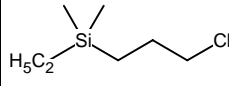
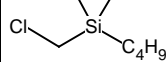
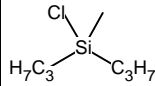
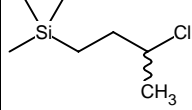
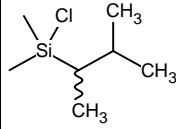
5845	C <sub>7</sub> H <sub>16</sub> 100.21 589-34-4		3-methylhexane	III/38b 2.1:4103; IV/6 2.1.3:1000; IV/8b 2.2:21; IV/16 2.1.7:1306; IV/20a 2.1:228
5846	C <sub>7</sub> H <sub>16</sub> 100.21 78918-91-9		(R)-3-methylhexane	III/38b 2.1:4102
5847	C <sub>7</sub> H <sub>16</sub> 100.21 6131-24-4		(S)-3-methylhexane	III/38b 2.1:4101
5848	C <sub>7</sub> H <sub>16</sub> 100.21 591-76-4		2-methylhexane	III/38b 2.1:4100; IV/6 2.1.3:999; IV/8a 3.5.4,p.183; IV/8b 2.2:20; IV/16 2.1.7:1305; IV/20a 2.1:227
5849	C <sub>7</sub> H <sub>16</sub> 100.21 617-78-7		3-ethylpentane	III/38b 2.1:4098; IV/6 2.1.3:997; IV/8a 3.5.4,p.182; IV/8b 2.2:18; IV/16 2.1.7:1303; IV/20a 2.1:225
5850	C <sub>7</sub> H <sub>16</sub> 100.21 590-35-2		2,2-dimethylpentane	III/38b 2.1:4094; IV/6 2.1.3:993; IV/8a 3.5.4,p.181; IV/8b 2.2:14; IV/16 2.1.7:1299; IV/20a 2.1:221
5851	C <sub>7</sub> H <sub>16</sub> 100.21 562-49-2		3,3-dimethylpentane	III/38b 2.1:4097; IV/6 2.1.3:996; IV/8a 3.5.4,p.182; IV/8b 2.2:17; IV/16 2.1.7:1302; IV/20a 2.1:224
5852	C <sub>7</sub> H <sub>16</sub> 100.21 108-08-7		2,4-dimethylpentane	III/38b 2.1:4096; IV/6 2.1.3:995; IV/8a 3.5.4,p.181; IV/8b 2.2:16; IV/16 2.1.7:1301; IV/20a 2.1:223; Mixtures: III/38a 3.1:711
5853	C <sub>7</sub> H <sub>16</sub> 100.21 565-59-3		2,3-dimethylpentane	III/38b 2.1:4095; IV/6 2.1.3:994; IV/8a 3.5.4,p.181; IV/8b 2.2:15; IV/16 2.1.7:1300; IV/20a 2.1:222
5854	C <sub>7</sub> H <sub>16</sub> 100.21 464-06-2		pentamethylethane; 2,2,3-trimethylbutane; 2,3,3-trimethylbutane; triptane	III/38b 2.1:4104; IV/6 2.1.3:1001; IV/8a 3.5.4,p.183; IV/8b 2.2:22; IV/16 2.1.7:1307; IV/20a 2.1:229

5855	C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> 128.22 120-85-4		1,2,4-trimethyl-piperazine	III/38b 2.1:4105
5856	C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> O 144.22 14216-18-3		N,N-diethyl-N',N'-dimethyl urea	III/38b 2.1:4106; IV/6 2.1.3:1015
5857	C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> O 144.22 123-00-2		3-morpholin-4-yl-propylamine	III/38b 2.1:4107
5858	C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> S 160.28 26536-60-7		N,N'-dipropylthiourea; thiourea, N,N'-dipropyl-	IV/8a 3.5.4,p.184
5859	C <sub>7</sub> H <sub>16</sub> O 116.21 17952-11-3		1-ethoxy-pentane; ethyl 1-pentyl ether	III/38b 2.1:4118; IV/6 2.1.3:1002; IV/16 2.1.7:1309; Mixtures: III/38a 3.1:99, 169, 662; IV/6 3.1:121, 499
5860	C <sub>7</sub> H <sub>16</sub> O 116.21 111-70-6		enanthic alcohol; heptan-1-ol; 1-heptanol; heptyl alcohol; n-heptyl alcohol; hexylcarbinol; 1-hydroxyheptane	III/38b 2.1:4120; IV/6 2.1.3:1006; IV/8a 3.5.4,p.184; IV/16 2.1.7:1311; Mixtures: III/38a 3.1:150, 270, 615, 713, 874; IV/6 3.1:71, 190, 476, 517, 644, 945; IV/16 3.1.4:558, 612, 688, 705
5861	C <sub>7</sub> H <sub>16</sub> O 116.21 4747-07-3		1-methoxy-hexane	IV/16 2.1.7:1312
5862	C <sub>7</sub> H <sub>16</sub> O 116.21 543-49-7		heptan-2-ol	III/38b 2.1:4121, 4123; IV/6 2.1.3:1007
5863	C <sub>7</sub> H <sub>16</sub> O 116.21 6033-23-4		(S)-heptan-2-ol; L-(-)-2-heptanol	III/38b 2.1:4122; IV/6 2.1.3:1009
5864	C <sub>7</sub> H <sub>16</sub> O 116.21 6033-24-5		D-(+)-heptan-2-ol; D-(+)-2-heptanol	IV/6 2.1.3:1008
5865	C <sub>7</sub> H <sub>16</sub> O 116.21 111768-08-2		(±)-3-methyl-hexan-1-ol	III/38b 2.1:4129
5866	C <sub>7</sub> H <sub>16</sub> O 116.21 13231-81-7		3-methyl-hexan-1-ol	III/38b 2.1:4132

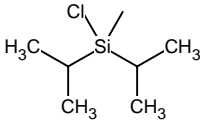
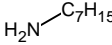
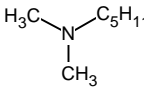
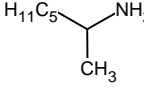
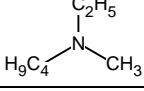
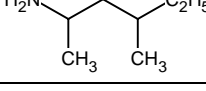
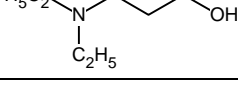
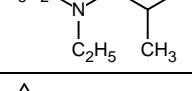
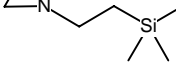
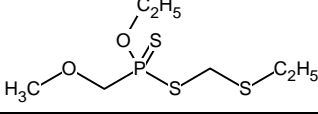
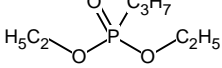
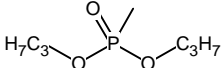
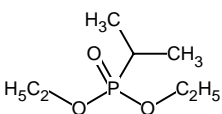
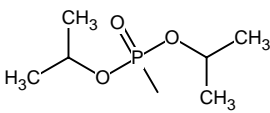
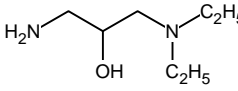
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5868	C <sub>7</sub> H <sub>16</sub> O 116.21 86423-92-9		(R)-3-methyl-hexan-1-ol	III/38b 2.1:4131
5869	C <sub>7</sub> H <sub>16</sub> O 116.21 111768-05-9		(±)-4-methyl-hexan-1-ol	III/38b 2.1:4135
5870	C <sub>7</sub> H <sub>16</sub> O 116.21 818-49-5		4-methyl-hexan-1-ol	III/38b 2.1:4136
5871	C <sub>7</sub> H <sub>16</sub> O 116.21 53353-04-1		(R)-4-methyl-hexan-1-ol	III/38b 2.1:4133
5872	C <sub>7</sub> H <sub>16</sub> O 116.21 1767-46-0		(S)-4-methyl-hexan-1-ol	III/38b 2.1:4134
5873	C <sub>7</sub> H <sub>16</sub> O 116.21 111768-04-8		(±)-2-methyl-hexan-1-ol	III/38b 2.1:4128
5874	C <sub>7</sub> H <sub>16</sub> O 116.21 66050-99-5		(S)-2-methyl-hexan-1-ol	III/38b 2.1:4127
5875	C <sub>7</sub> H <sub>16</sub> O 116.21 1860-27-1		1-isopropoxy-butane	III/38b 2.1:4126
5876	C <sub>7</sub> H <sub>16</sub> O 116.21 589-82-2		heptan-3-ol; 3-heptanol	III/38b 2.1:4124; IV/6 2.1.3:1010
5877	C <sub>7</sub> H <sub>16</sub> O 116.21 589-55-9		heptan-4-ol; 4-heptanol	III/38b 2.1:4125; IV/6 2.1.3:1011; Mixtures: IV/6 3.1:945
5878	C <sub>7</sub> H <sub>16</sub> O 116.21 627-98-5		5-methyl-hexan-1-ol	III/38b 2.1:4137
5879	C <sub>7</sub> H <sub>16</sub> O 116.21 628-04-6		1-ethoxy-3-methyl-butane; ethyl 3-methyl-1-butyl ether	III/38b 2.1:4116; IV/6 2.1.3:1003
5880	C <sub>7</sub> H <sub>16</sub> O 116.21 15268-49-2		2-methyl-1-propoxy-propane	III/38b 2.1:4144
5881	C <sub>7</sub> H <sub>16</sub> O 116.21 625-23-0		2-methyl-2-hexanol; 2-methyl-hexan-2-ol	III/38b 2.1:4138; IV/6 2.1.3:1012; IV/16 2.1.7:1313

5882	C <sub>7</sub> H <sub>16</sub> O 116.21 597-96-6		3-methyl-3-hexanol; (±)-3-methyl-hexan-3-ol	III/38b 2.1:4141; IV/6 2.1.3:1014; IV/16 2.1.7:1314; Mixtures: III/38a 3.1:715; IV/6 3.1:646
5883	C <sub>7</sub> H <sub>16</sub> O 116.21 919-94-8		2-ethoxy-2-methyl-butane	III/38b 2.1:4117
5884	C <sub>7</sub> H <sub>16</sub> O 116.21 2370-12-9		2,2-dimethyl-1-pentanol; 2,2-dimethyl-pentan-1-ol	III/38b 2.1:4108; IV/6 2.1.3:1004; IV/16 2.1.7:1308
5885	C <sub>7</sub> H <sub>16</sub> O 116.21 597-49-9		3-ethyl-3-pentanol; 3-ethyl-pentan-3-ol	III/38b 2.1:4119; IV/6 2.1.3:1005; IV/16 2.1.7:1310
5886	C <sub>7</sub> H <sub>16</sub> O 116.21 2313-65-7		3-methyl-2-hexanol; 3-methyl-hexan-2-ol	III/38b 2.1:4139; IV/6 2.1.3:1013; Mixtures: III/38a 3.1:714; IV/6 3.1:645
5887	C <sub>7</sub> H <sub>16</sub> O 116.21 627-59-8		5-methyl-hexan-2-ol	III/38b 2.1:4140
5888	C <sub>7</sub> H <sub>16</sub> O 116.21 100295-83-8		(±)-5-methyl-hexan-3-ol	III/38b 2.1:4143
5889	C <sub>7</sub> H <sub>16</sub> O 116.21 93031-24-4		(S)-5-methyl-hexan-3-ol	III/38b 2.1:4142
5890	C <sub>7</sub> H <sub>16</sub> O 116.21 111768-02-6		2,4-dimethyl-pentan-1-ol	III/38b 2.1:4109
5891	C <sub>7</sub> H <sub>16</sub> O 116.21 595-41-5		2,3-dimethyl-pentan-3-ol	III/38b 2.1:4114
5892	C <sub>7</sub> H <sub>16</sub> O 116.21 625-06-9		2,4-dimethyl-pentan-2-ol	III/38b 2.1:4110
5893	C <sub>7</sub> H <sub>16</sub> O 116.21 3970-62-5		2,2-dimethyl-pentan-3-ol	III/38b 2.1:4111
5894	C <sub>7</sub> H <sub>16</sub> O 116.21 38636-37-2		(S)-2,2-dimethyl-pentan-3-ol	III/38b 2.1:4112
5895	C <sub>7</sub> H <sub>16</sub> O 116.21 38636-36-1		(R)-2,2-dimethyl-pentan-3-ol	III/38b 2.1:4113

5896	C <sub>7</sub> H <sub>16</sub> O 116.21 600-36-2		2,4-dimethyl-pentan-3-ol	III/38b 2.1:4115; Mixtures: III/38a 3.1:864
5897	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> 132.20 505-84-0		1-propoxymethoxy-propane	III/38b 2.1:4148; IV/16 2.1.7:1315
5898	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> 132.20 629-30-1		1,7-dihydroxyheptane; 1,7-heptanediol; $\alpha,\omega$ -heptanediol	III/38b 2.1:4147; IV/8a 3.5.4,p.184
5899	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> 132.20 4744-08-5		1,1-diethoxy-propane	III/38b 2.1:4146
5900	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> 132.20 5131-66-8		1-butoxy-propan-2-ol	III/38b 2.1:4145
5901	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> 132.20 2568-89-0		diisopropoxy-methane	IV/16 2.1.7:1316
5902	C <sub>7</sub> H <sub>16</sub> O <sub>2</sub> Si 160.29 5507-44-8		diethoxy-methyl-vinyl-silane	III/38a 2.1.5:377
5903	C <sub>7</sub> H <sub>16</sub> O <sub>3</sub> 148.20 122-51-0		orthoformic acid triethyl ester; triethoxy methane; 1,1,1-triethoxy-methane	III/38b 2.1:4150; IV/6 2.1.3:1016; IV/16 2.1.7:1318
5904	C <sub>7</sub> H <sub>16</sub> O <sub>3</sub> 148.20 3920-53-4		heptane-1,4,7-triol	III/38b 2.1:4149
5905	C <sub>7</sub> H <sub>16</sub> O <sub>3</sub> 148.20 6881-94-3		2-(2-propoxyethoxy)-ethanol	IV/16 2.1.7:1317
5906	C <sub>7</sub> H <sub>16</sub> O <sub>3</sub> 148.20 43083-12-1		1,1,1-trimethoxy-butane	III/38b 2.1:4151
5907	C <sub>7</sub> H <sub>16</sub> O <sub>4</sub> 164.20 112-35-6		2-[2-(2-methoxyethoxy)-ethoxy]-ethanol	IV/16 2.1.7:1320
5908	C <sub>7</sub> H <sub>16</sub> O <sub>4</sub> 164.20 4431-83-8		1-methoxy-2-[(2-methoxyethoxy)-methoxy]-ethane	IV/16 2.1.7:1319
5909	C <sub>7</sub> H <sub>16</sub> O <sub>7</sub> 212.20		glucoheptite	IV/6 2.1.3:1017
5910	C <sub>7</sub> H <sub>16</sub> S 132.27 1639-09-4		1-heptanethiol; heptyl mercaptan; 1-mercaptoheptane	III/38b 2.1:4152; IV/6 2.1.3:1018; IV/8a 3.5.4,p.184; IV/16 2.1.7:1321; IV/20a 3.2:400

5911	C <sub>7</sub> H <sub>16</sub> S 132.27 628-00-2		2-heptanethiol; 2-heptyl mercaptan	IV/20a 3.2:401
5912	C <sub>7</sub> H <sub>16</sub> S <sub>2</sub> 164.33 62224-02-6		1,7-heptanedithiol	IV/20a 3.2:402
5913	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 18244-34-3		chloro-heptyl-silane	III/38a 2.1.5:382
5914	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 42805-31-2		chloromethyl-dipropyl-silane	III/38a 2.1.5:387
5915	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 26015-61-2		chloro-hexyl-methyl-silane	III/38a 2.1.5:383
5916	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 42805-29-8		(3-chloropropyl)-diethyl-silane	III/38a 2.1.5:389
5917	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 25938-34-5		chloro-dimethyl-pentyl-silane	III/38a 2.1.5:381
5918	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 757-34-6		chloromethyl-triethyl-silane	III/38a 2.1.5:388
5919	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 18817-17-9		(1-chloroethyl)-diethylmethylsilane	III/38a 2.1.5:385; IV/20a 4.5:1280
5920	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 995-04-0		chloro-diethyl-propyl-silane	III/38a 2.1.5:379
5921	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 18244-33-2		(3-chloropropyl)-dimethyl-ethyl-silane	III/38a 2.1.5:390
5922	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 3121-75-3		butyl-chloromethyl-dimethyl-silane	III/38a 2.1.5:378
5923	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 1068-24-2		chloro-methyl-dipropyl-silane	III/38a 2.1.5:384
5924	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 18244-32-1		(γ-chloro-isobutyl)-trimethyl-silane	III/38a 2.1.5:386
5925	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 121444-58-4		(1,2-dimethylpropyl) dimethylsilyl chloride	III/38a 2.1.5:391



5926	C <sub>7</sub> H <sub>17</sub> ClSi 164.75 3634-57-9		chloro-diisopropyl-methyl-silane	III/38a 2.1.5:380
5927	C <sub>7</sub> H <sub>17</sub> N 115.22 111-68-2		heptylamine	III/38b 2.1:4156; IV/6 2.1.3:1022; IV/16 2.1.7:1324
5928	C <sub>7</sub> H <sub>17</sub> N 115.22 26153-88-8		N,N-dimethyl-pentanamine; N,N-dimethyl-pentyl-amine	III/38b 2.1:4155; IV/16 2.1.7:1322
5929	C <sub>7</sub> H <sub>17</sub> N 115.22 123-82-0		2-amino-heptane; 1-methyl-hexylamine	III/38b 2.1:4153, 4157
5930	C <sub>7</sub> H <sub>17</sub> N 115.22 66225-40-9		N-ethyl-N-methyl-butanamine	IV/16 2.1.7:1323
5931	C <sub>7</sub> H <sub>17</sub> N 115.22 105-41-9		1,3-dimethyl-pentylamine	III/38b 2.1:4154
5932	C <sub>7</sub> H <sub>17</sub> NO 131.22 622-93-5		3-diethylamino-propan-1-ol	III/38b 2.1:4158
5933	C <sub>7</sub> H <sub>17</sub> NO 131.22 4402-32-8		1-diethylamino-propan-2-ol	III/38b 2.1:4159
5934	C <sub>7</sub> H <sub>17</sub> NSi 143.31 18387-12-7		aziridine, 1-[2-(trimethylsilyl)ethyl]-; N-(b-trimethylsilylethyl)ethylenimine; N-(β-trimethylsilylethyl)ethylenimine	IV/8a 3.5.4,p.184
5935	C <sub>7</sub> H <sub>17</sub> O <sub>2</sub> PS <sub>3</sub> 260.38 298-02-2		O,O-diethyl-S- [(ethylthio)methyl]dithiophosphate; phorate	IV/20a 3.2:403
5936	C <sub>7</sub> H <sub>17</sub> O <sub>3</sub> P 180.19 18812-51-6		diethyl 1-propanephosphonate; propyl-phosphonic acid diethyl ester	III/38a 2.1.6:827; IV/6 2.1.3:1020
5937	C <sub>7</sub> H <sub>17</sub> O <sub>3</sub> P 180.19		methyl-phosphonic acid dipropyl ester	IV/16 2.1.6:324
5938	C <sub>7</sub> H <sub>17</sub> O <sub>3</sub> P 180.19 1538-69-8		diethyl 2-propanephosphonate; isopropyl-phosphonic acid diethyl ester	III/38a 2.1.6:825; IV/6 2.1.3:1021
5939	C <sub>7</sub> H <sub>17</sub> O <sub>3</sub> P 180.19 1445-75-6		bis(2-propyl) methanephosphonate; methyl-phosphonic acid diisopropyl ester	III/38a 2.1.6:826; IV/6 2.1.3:1019
5940	C <sub>7</sub> H <sub>18</sub> N <sub>2</sub> O 146.23 6322-01-6		1-amino-3-diethylamino-propan-2-ol	III/38b 2.1:4160

5941	C <sub>7</sub> H <sub>18</sub> N <sub>2</sub> O 146.23 5966-51-8		1,3-bis-dimethylamino-propan-2-ol	III/38b 2.1.4:161
5942	C <sub>7</sub> H <sub>18</sub> OSi 146.31 1825-65-6		butoxy-trimethyl-silane	III/38a 2.1.5:392; IV/6 2.1.3:1023; Mixtures: IV/6 3.1:518, 955
5943	C <sub>7</sub> H <sub>18</sub> OSi 146.31 1825-66-7		2-butoxy-trimethylsilane; sec-butoxy-trimethyl-silane	III/38a 2.1.5:393; IV/6 2.1.3:1024
5944	C <sub>7</sub> H <sub>18</sub> O <sub>3</sub> Si 178.31 2031-67-6		methyl-triethoxy-silane; triethoxymethylsilane	III/38a 2.1.5:394; IV/6 2.1.3:1025
5945	C <sub>7</sub> H <sub>18</sub> Si 130.31 6932-34-9		dimethyl-ethyl-propyl-silane	III/38a 2.1.5:396
5946	C <sub>7</sub> H <sub>18</sub> Si 130.31 757-21-1		methyl-triethyl-silane	III/38a 2.1.5:397
5947	C <sub>7</sub> H <sub>18</sub> Si 130.31 1000-49-3		butyl-trimethyl-silane	III/38a 2.1.5:395
5948	C <sub>7</sub> H <sub>18</sub> ClSi <sub>2</sub> 194.85 5926-35-2		chloro-bis(trimethylsilyl)-methane	III/38a 2.1.5:398
5949	C <sub>7</sub> H <sub>19</sub> NSi 145.32 17425-81-9		(2-methyl-1-propyl)-trimethyl silazane; trimethylsilyl-isobutylamine	III/38a 2.1.5:399; IV/6 2.1.3:1026
5950	C <sub>7</sub> H <sub>20</sub> Si <sub>2</sub> 160.41 2117-28-4		bis(trimethylsilyl)-methane; bis(trimethylsilyl)methane; methylenebis(trimethylsilane)]	III/38a 2.1.5:400; IV/8a 3.5.4,p.184
5951	C <sub>7</sub> H <sub>21</sub> BN <sub>2</sub> Si 172.16 6917-95-9		bis(dimethyl-amino)-(trimethyl-silyl)-borane	III/38a 2.1.4:223
5952	C <sub>7</sub> H <sub>22</sub> O <sub>2</sub> Si <sub>3</sub> 222.51 1873-88-7		1,1,1,3,5,5,5-heptamethyl-trisiloxane	III/38a 2.1.5:401