

Compounds with 13 to 100 Carbon Atoms

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Vill, V.; Peters, G.; Sajus, H.

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Landolt-Börnstein Indexes of Organic Compounds

Subvolumes A-I

By V. Vill, C. Bauhofer, G. Peters, H. Sajus, P. Weigner,
LCI-Publisher and Chemistry Department of the University of Hamburg

All printed index material has been used to build up the comprehensive

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Index of Organic Compounds

Subvolume C

Compounds with 13 to 100 Carbon Atoms

Editor: V. Vill

Authors: V. Vill, G. Peters, H. Sajus



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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 electronic 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 electronic 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, October 2000

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.

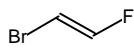
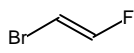

The six subvolumes of IV/7 (Phase transitions of liquid crystals) contain more than 40,000 compounds, whereas the other volumes combined contain about 17,000 compounds. The volume IV/7 is organised like an index itself and contains mainly data of specific interest. Therefore, and because it contains 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

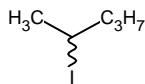
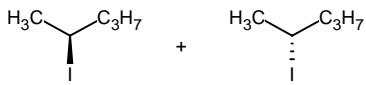
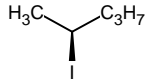
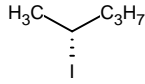
All compounds with at least one carbon atom are selected for this index. Also, binary mixtures including at least one organic compound are recorded. Mixtures which form molecular complexes with an exact relation (e.g. 1:1, 1:2) between the molecules are treated as one compound with an individual registration 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.

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

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

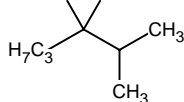
1.2.1 General remarks

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.

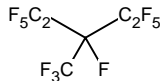
All structures are saved in the electronic version with their complete connectivity, but for display one can choose to abbreviate drawings, so as to make the structures easier readable. The printed version contains in all cases these abbreviated structures.

1.2.2 Methods of abbreviation of drawings

Alkyl chains: Alkyl chains of C₂ and longer are always abbreviated as a textstring, like C₃H₇ as in the example. Methyl groups are in most cases displayed as CH₃, except at quaternary centers, to facilitate the reading of highly branched structures. The following example shows two CH₃-groups to the right, while the two groups in the middle are connected to a quaternary center and only displayed as an "empty" line.

8124	C ₉ H ₂₀ 128.26 16747-28-7		2,3,3-trimethylhexane	III/38b 2.1:5323; IV/8b 2.3:67; IV/16 2.1.7:1745; IV/20a 2.2:534
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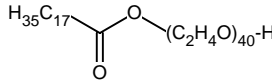
Persubstituted chains: Alkyl chains that are persubstituted with a particular element, like Fluor, or Deuterium are shortened just like in the above example. CF₃ or CD₃ will for obvious reasons never be omitted as CH₃.

3772	C ₆ F ₁₄ 338.04 865-71-4		perfluoro-3-methylpentane; undecafluoro-3-(trifluoromethyl)pentane	IV/20a 4.4:1039
-------------	--	---	---	-----------------

Special groups: For example cyano groups, nitro groups as well as carbonic acids will be abbreviated in the drawing.

1379	C ₃ H ₄ N ₂ O ₃ 116.08 50434-02-1		nitric acid 2-cyano-ethyl ester	III/38b 2.1:1286
-------------	---	--	---------------------------------	------------------

Poly-ethoxy chains: will be identified and shortened as well.

16821	C ₉₈ H ₁₉₆ O ₄₂ 2046.63 9004-99-3		myrj 52	IV/16 2.1.7:2704
--------------	--	---	---------	------------------

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

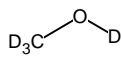
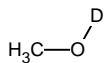
The table is organized in five columns as follows:

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:

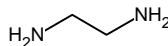
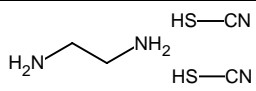
- H The crossreference shows the same compound non-deuterated
- D The crossreference shows the same compound (possibly partly) deuterated
- M This compound is also part of a defined binary mixture
- S Crossreference to the single compounds of a defined mixture.

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

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.

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

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

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

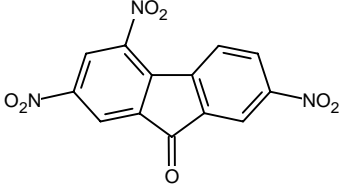
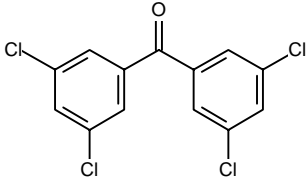
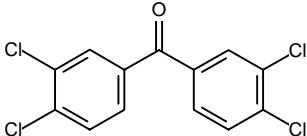
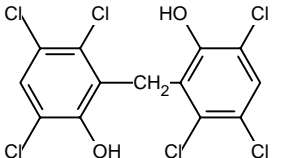
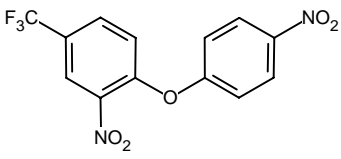
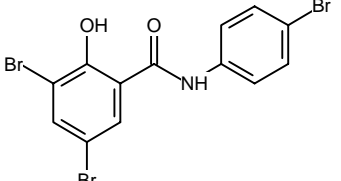
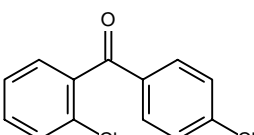
Subvolume a: Vapor Pressure and Antoine Constants for Hydrocarbons and Sulfur -, Selenium -, Tellurium -, and Halogen – Containing Organic Compounds

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

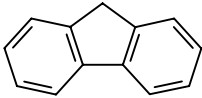
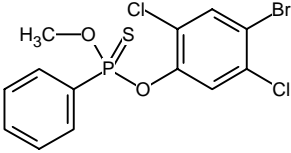
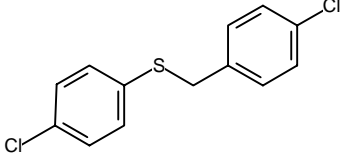
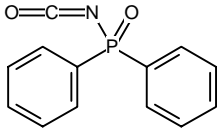
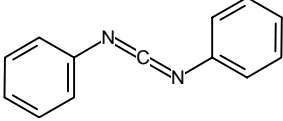
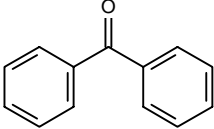
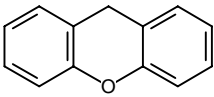
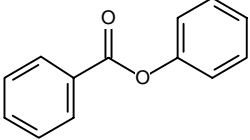
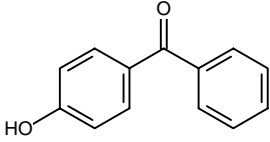
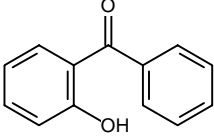
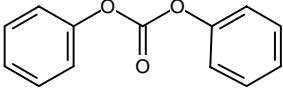
1999. VIII, 373 pages. ISBN 3-540-64735-X

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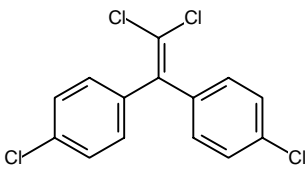
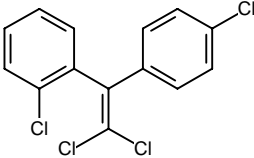
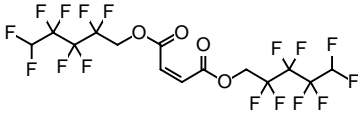
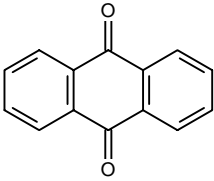
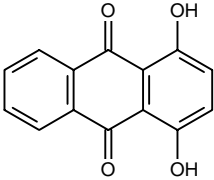
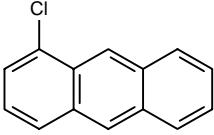
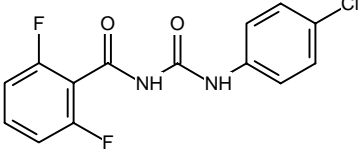
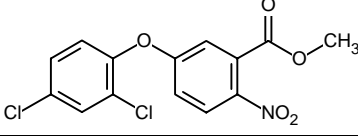
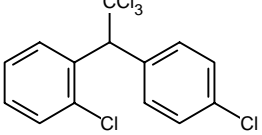
2 Tabulated index sorted by molecular formula and chemical structures

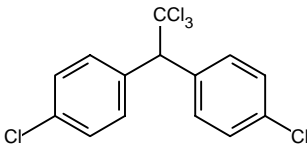
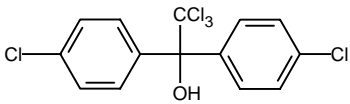
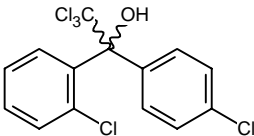
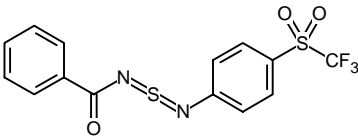
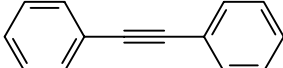
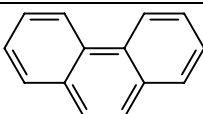
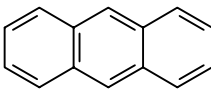
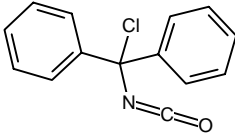
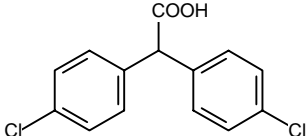
11884	C ₁₃ H ₅ N ₃ O ₇ 315.20 129-79-3		9-fluorenone, 2,4,7-trinitro-; 2,4,7-trinitro-9-fluorenone; 2,4,7-trinitro-9H-fluoren-9-one; 2,4,7-trinitrofluoren-9-one	IV/8a 3.5.7,p.299
11885	C ₁₃ H ₆ Cl ₄ O 320.00 25187-08-0		bis(2,4-dichlorophenyl)-methanone	IV/16 2.1.7:2196
11886	C ₁₃ H ₆ Cl ₄ O 320.00 75795-07-2		bis(3,4-dichlorophenyl)-methanone	IV/16 2.1.7:2197
11887	C ₁₃ H ₆ Cl ₆ O ₂ 406.91 70-30-4		2,2'-dihydroxy-3,3',5,5',6,6'-hexachloro diphenylmethane; hexachlorophene; 2,2'-methylenebis(3,4,6-trichlorophenol)	IV/8a 3.5.7,p.299
11888	C ₁₃ H ₇ F ₃ N ₂ O ₅ 328.21 15457-05-3		benzene, 2-nitro-1-(4-nitrophenoxy)-4- (trifluoromethyl)-; 2,4'-dinitro-4-(trifluoromethyl) diphenyl ether; ether, <i>p</i> -nitrophenyl α,α,α -trifluoro-2-nitro- <i>p</i> -tolyl; fluorodifen; 4'-trifluoromethyl-2',4-dinitrodiphenyl ether	IV/8a 3.5.7,p.299
11889	C ₁₃ H ₈ Br ₃ NO ₂ 449.94 87-10-5		diaphene; 3,5-dibromo-N-(4-bromophenyl)-2- hydroxybenzamide; 3,5-dibromosalicylic acid <i>p</i> -bromoanilide; 3,4',5-tribromosalicylanilide; tribromosalan; trisanil	IV/8a 3.5.7,p.299
11890	C ₁₃ H ₈ Cl ₂ O 251.11 85-29-0		(2-chlorophenyl)(4- chlorophenyl)methanone; <i>o,p</i> -DCBP; 2,4'-dichlorobenzophenone; <i>o,p</i> -dichlorobenzophenone	IV/8a 3.5.7,p.299

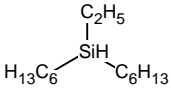
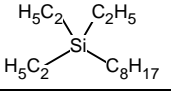
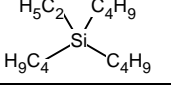
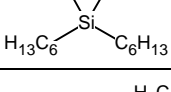
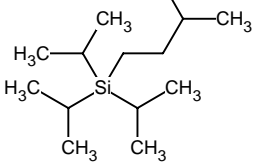
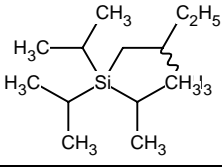
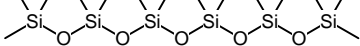
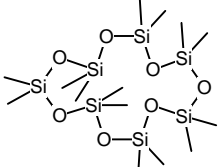
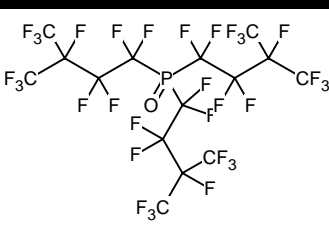
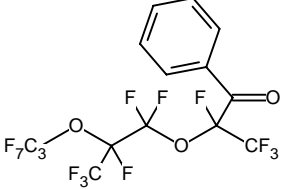
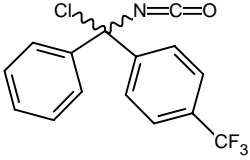
11891	C ₁₃ H ₈ Cl ₂ O 251.11 90-98-2		bis(4-chlorophenyl) ketone; bis(4-chlorophenyl)methanone; 4,4'-dichlorobenzophenone; <i>p,p'</i> -dichlorobenzophenone	IV/8a 3.5.7,p.299
11892	C ₁₃ H ₈ N ₄ 220.24 19139-24-3		hexahydro-1,2,4-methenopentalene- 5,5,6,6-tetracarbonitrile	IV/8a 3.5.7,p.300
11893	C ₁₃ H ₈ O 180.21 486-25-9		fluorene-9-one	III/38b 2.1:7096
11894	C ₁₃ H ₈ O ₂ 196.21 90-47-1		benzophenone oxide; xanthene-9-one; 9-xanthone; xanthone	IV/8a 3.5.7,p.300
11895	C ₁₃ H ₉ ClN ₂ OS 276.75 56270-26-9		N-benzoyl-N'-(<i>p</i> -chlorophenyl)-thiodiimine	IV/6 2.1.3:1616
11896	C ₁₃ H ₉ ClO ₂ 232.67 85-19-8		5-chloro-2-hydroxybenzophenone; (5-chloro-2- hydroxyphenyl)phenylmethanone; 3-chloro-6-hydroxybenzophenone	IV/20b 4.6:1535
11897	C ₁₃ H ₉ Cl ₃ N ₂ O 315.59 33422-33-2		benzoic acid, 2-(2,4,6- trichlorophenyl)hydrazide	IV/8a 3.5.7,p.300
11898	C ₁₃ H ₉ FN ₂ OS 260.29 56270-25-8		N-benzoyl-N'-(<i>p</i> -fluorophenyl)-thiodiimine	IV/6 2.1.3:1615
11899	C ₁₃ H ₉ N 179.22 260-94-6		acridine; 10-azaanthracene; 9-azaanthracene; benzo[b]quinoline; 2,3-benzoquinoline; dibenzo[b,e]pyridine	IV/8a 3.5.7,p.300
11900	C ₁₃ H ₉ N 179.22 230-27-3		4-azaphenanthrene; benzo[h]quinoline; 7,8-benzoquinoline; α -naphthoquinoline	IV/8a 3.5.7,p.300
11901	C ₁₃ H ₉ N 179.22 229-87-8		5-azaphenanthrene; 9-azaphenanthrene; benzo[c]quinoline; 3,4-benzoisoquinoline; 3,4-benzoquinoline; phenanthridine	IV/8a 3.5.7,p.300

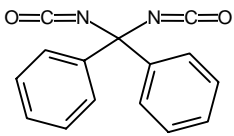
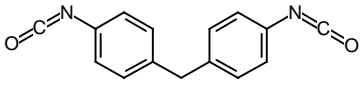
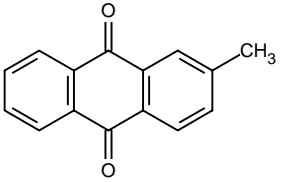
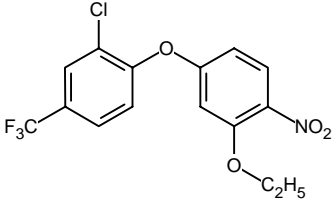
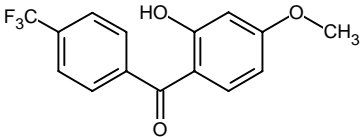
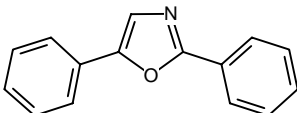
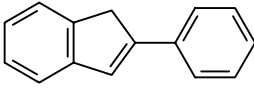
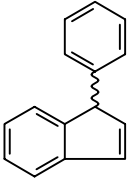
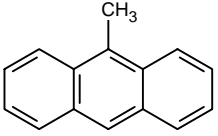
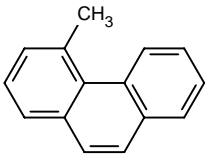
11902	C ₁₃ H ₁₀ 166.23 86-73-7	 see also: 14819(M), 15051(M)	fluorene	IV/8a 3.5.7,p.301; IV/8f 5.3.1:1105; IV/20a 2.4:1073
11903	C ₁₃ H ₁₀ BrCl ₂ O ₂ PS 412.08 21609-90-5		O-(4-bromo-2,5-dichlorophenyl)-O-methyl phenyl phosphonothioate	IV/8a 3.5.7,p.301
11904	C ₁₃ H ₁₀ Cl ₂ S 269.20 103-17-3		chloracide; chlorbenseide; 1-chloro-4-[[4-chlorophenyl)methyl]thio]benzene; 4-chlorobenzyl 4-chlorophenyl sulfide; chlorparacide; chlorsulphacide	IV/8a 3.5.7,p.301
11905	C ₁₃ H ₁₀ NO ₂ P 243.20 6779-62-0		diphenylphosphinic isocyanate	IV/6 2.1.3:1618
11906	C ₁₃ H ₁₀ N ₂ 194.24 622-16-2		diphenylcarbodiimide; N,N'-diphenylcarbodiimide; N,N'-methanetetraylbisbenzenamine	IV/8a 3.5.7,p.301
11907	C ₁₃ H ₁₀ O 182.22 119-61-9		benzophenone; benzoylbenzene; diphenyl ketone	III/38b 2.1:7097; IV/6 2.1.3:1617; IV/7b 3.55:1; IV/8a 3.5.7,p.301; IV/16 2.1.7:2198; Mixtures: IV/6 3.1:1089
11908	C ₁₃ H ₁₀ O 182.22 92-83-1		9-oxa-9,10-dihydroanthracene; 10H-9-oxanthracene; xanthene	IV/8a 3.5.7,p.302
11909	C ₁₃ H ₁₀ O ₂ 198.22 93-99-2		benzoic acid phenyl ester	IV/7b 3.39:1; IV/16 2.1.7:2199
11910	C ₁₃ H ₁₀ O ₂ 198.22 1137-42-4		4-hydroxy-benzophenone	IV/16 2.1.7:2201
11911	C ₁₃ H ₁₀ O ₂ 198.22 117-99-7		2-hydroxybenzophenone; (2-hydroxyphenyl)phenylmethanone	IV/8a 3.5.7,p.302; IV/16 2.1.7:2200
11912	C ₁₃ H ₁₀ O ₃ 214.22 102-09-0		carbonic acid diphenyl ester	IV/16 2.1.7:2202

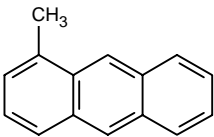
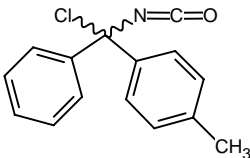
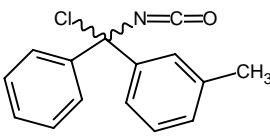
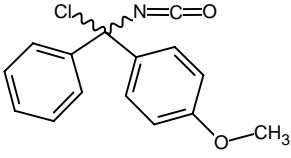
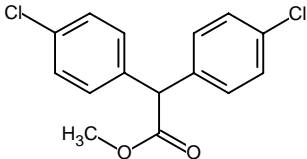
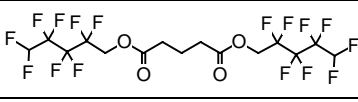
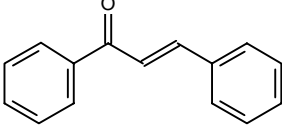
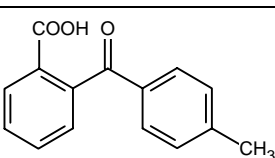
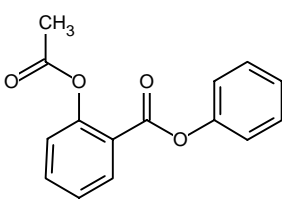
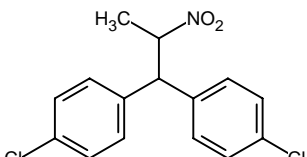
12475	C ₁₃ H ₃₀ N ₂ Sn ₂ 451.78 23860-01-7		N,N'-bis(triethylstannyl)carbodiimide	IV/16 2.1.2:152
12476	C ₁₃ H ₃₀ O ₃ Si 262.47 5581-68-0		tributoxy-methyl-silane; tris(1-butoxy)methylsilane	III/38a 2.1.5:693; IV/6 2.1.3:1652
12477	C ₁₃ H ₃₀ O ₃ Si 262.47 5581-69-1		tri-sec-butoxy-methyl-silane; tris(2-butoxy)methylsilane	III/38a 2.1.5:694; IV/6 2.1.3:1653
12478	C ₁₃ H ₃₀ Si 214.47 1001-46-3		dihexyl-methyl-silane	III/38a 2.1.5:699
12479	C ₁₃ H ₃₀ Si 214.47 18414-67-0		diethyl-nonyl-silane	III/38a 2.1.5:698
12480	C ₁₃ H ₃₀ Si 214.47 18414-75-0		decyl-trimethyl-silane	III/38a 2.1.5:695
12481	C ₁₃ H ₃₀ Si 214.47 995-43-7		tributyl-methyl-silane	III/38a 2.1.5:696
12482	C ₁₃ H ₃₀ Si 214.47 18414-81-8		triethyl-heptyl-silane	III/38a 2.1.5:697
12483	C ₁₄ F ₃₀ 738.11 307-62-0	C ₁₄ F ₃₀	perfluorotetradecane; triacontafluorotetradecane	IV/8a 3.5.7,p.309
12484	C ₁₄ F ₃₀ O ₂ 770.11		tetracosafuoro-1,12- bis(trifluoromethoxy)dodecane	IV/20b 4.6:1547
12485	C ₁₄ F ₃₀ O ₂ 770.11 23281-45-0		hexadecafluoro-1,8- bis(heptafluoroisopropoxy)-octane	IV/16 2.1.7:2275
12486	C ₁₄ HF ₂₉ O ₄ 784.11 26738-51-2		1,1,1,2,3,3-hexafluoro-2-[1,1,2,3,3,3- hexafluoro-2-(1,1,2,2,3,3,3-heptafluoro- propoxy)-propoxy]-3-[1,2,2-trifluoro-2- (1,2,2,2-tetrafluoro-ethoxy)-1- trifluoromethyl-ethoxy]-propane	IV/16 2.1.7:2276
12487	C ₁₄ H ₇ ClO ₂ 242.66 131-09-9		anthraquinone, 2-chloro-; 2-chloro-9,10(9H,10H)anthracenedione; 2-chloroanthraquinone	IV/8a 3.5.7,p.309

12488	C ₁₄ H ₈ Cl ₄ 318.03 72-55-9		2,2-bis(<i>p</i> -chlorophenyl)-1,1-dichloroethylene; 1,1-dichloro-2,2-bis(4-chlorophenyl)ethene; 1,1-dichloro-2,2-bis(4-chlorophenyl)ethylene	IV/8a 3.5.7,p.310
12489	C ₁₄ H ₈ Cl ₄ 318.03 3424-82-6		1-chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethenyl]benzene; 1-(<i>o</i> -chlorophenyl)-1-(<i>p</i> -chlorophenyl)-2,2-dichloroethylene; 1,1-dichloro-2-(2-chlorophenyl)-2-(4-chlorophenyl)ethene	IV/8a 3.5.7,p.310
12490	C ₁₄ H ₈ F ₁₆ O ₄ 544.19 60100-40-5		<i>cis</i> -but-2-enedioic acid bis-(2,2,3,3,4,4,5,5-octafluoro-pentyl) ester	IV/16 2.1.7:2277
12491	C ₁₄ H ₈ O ₂ 208.22 84-65-1		9,10-anthracenedione; anthraquinone; 9,10-anthraquinone; 9,10-dioxoanthracene	IV/8a 3.5.7,p.310
12492	C ₁₄ H ₈ O ₄ 240.22 81-64-1		9,10-anthracenedione, 1,4-dihydroxy-; 1,4-dihydroxyanthraquinone; quinizarin	IV/8a 3.5.7,p.310
12493	C ₁₄ H ₉ Cl 212.68 4985-70-0		1-chloro-anthracene	III/38b 2.1:7321
12494	C ₁₄ H ₉ ClF ₂ N ₂ O ₂ 310.69 35367-38-5		N-[(4-chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide; diflubenzuron; difluoron	IV/8a 3.5.7,p.310
12495	C ₁₄ H ₉ Cl ₂ NO ₅ 342.14 42576-02-3		bifenox; methyl 5-(2,4-dichlorophenoxy)-2-nitrobenzoate	IV/8a 3.5.7,p.311
12496	C ₁₄ H ₉ Cl ₅ 354.49 789-02-6		1-chloro-2-[2,2,2-trichloro-1-(4-chlorophenyl)ethyl]benzene; 1,1,1-trichloro-2-(2-chlorophenyl)-2-(4-chlorophenyl)ethane	IV/8a 3.5.7,p.311; IV/20b 4.6:1549

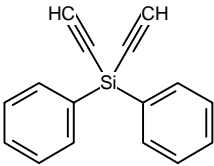
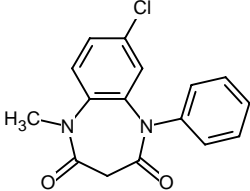
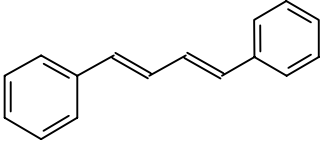
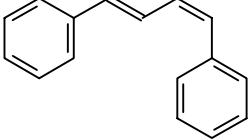
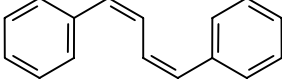
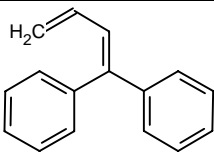
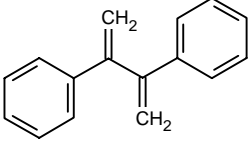
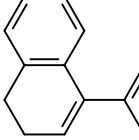
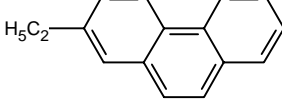
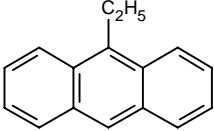
12497	C ₁₄ H ₉ Cl ₅ 354.49 50-29-3		4,4'-dichlorodiphenyltrichloroethane; 1,1'-(2,2,2-trichloroethylidene)bis(4-chlorobenzene); trichlorobis(4'-chlorophenyl)ethane	III/38b 2.1:7322; IV/6 2.1.3:1655; IV/8a 3.5.7,p.311; IV/20b 4.6:1548
12498	C ₁₄ H ₉ Cl ₅ O 370.49 115-32-2		benzenemethanol, 4-chloro-α-(4-chlorophenyl)- α-(trichloromethyl)-; 4,4'-dichloro-α-(trichloromethyl)benzhydrol; dichlorokelthane; dicofol; <i>p,p'</i> -kelthane; 2,2,2-trichloro-1,1-di(4-chlorophenyl)ethanol	IV/8a 3.5.7,p.311
12499	C ₁₄ H ₉ Cl ₅ O 370.49 10606-46-9		benzhydrol, 2,4'-dichloro-α-(trichloromethyl)-; 2-chloro-α-(4-chlorophenyl)- α-(trichloromethyl)benzenemethanol; <i>o,p'</i> -dicofol	IV/8a 3.5.7,p.311
12500	C ₁₄ H ₉ F ₃ N ₂ O ₃ S ₂ 374.36 56270-29-2		N-benzoyl-N'-(<i>p</i> -trifluoromethylsulfonyl)-phenylthiodiimine	IV/6 2.1.3:1654
12501	C ₁₄ H ₁₀ 178.24 501-65-5		diphenylacetylene; diphenylethyne; 1,2-diphenylethyne; ethyne, diphenyl-; tolane	IV/7b 3.10:1; IV/8a 3.5.7,p.312; IV/8f 2.5:255; IV/16 2.1.7:2279; Mixtures: IV/16 3.1.4:628
12502	C ₁₄ H ₁₀ 178.24 85-01-8		phenanthrene	III/38b 2.1:7323; IV/6 2.1.3:1657; IV/8a 3.5.7,p.312; IV/8f 5.3.1:1123; IV/16 2.1.7:2280; IV/20a 2.4:1103; Mixtures: IV/6 3.1:1048
12503	C ₁₄ H ₁₀ 178.24 120-12-7	 see also: 15041(M), 15278(M)	anthracene	IV/6 2.1.3:1656; IV/8a 3.5.7,p.311; IV/8f 5.3.1:1122; IV/16 2.1.7:2278; IV/20a 2.4:1102; Mixtures: IV/6 3.1:1047, 1090, 1091
12504	C ₁₄ H ₁₀ ClNO 243.70 18775-03-6		1-chloro-1,1-diphenylmethyl isocyanate	IV/6 2.1.3:1658
12505	C ₁₄ H ₁₀ Cl ₂ O ₂ 281.14 83-05-6		bis(4-chlorophenyl)acetic acid; 2,2-bis(4-chlorophenyl)ethanoic acid; bis(<i>p</i> -chlorophenyl)acetic acid	IV/8a 3.5.7,p.313

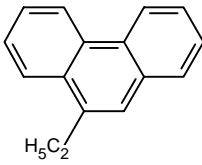
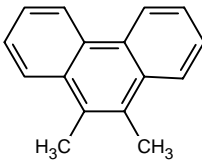
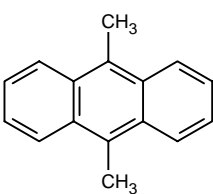
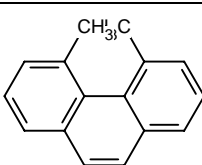
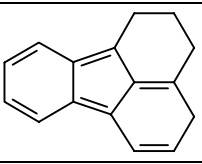
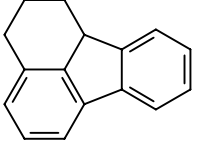
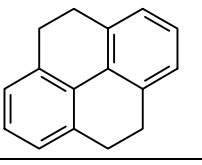
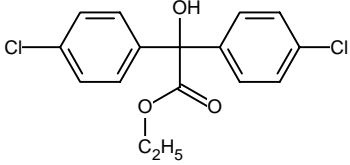
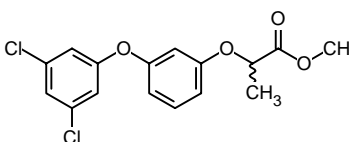
13131	C ₁₄ H ₃₂ Si 228.50 17591-45-6		ethyl-dihexyl-silane	III/38a 2.1.5:708
13132	C ₁₄ H ₃₂ Si 228.50 10175-53-8		triethyl-octyl-silane	III/38a 2.1.5:713
13133	C ₁₄ H ₃₂ Si 228.50 994-88-7		ethyl-tributyl-silane	III/38a 2.1.5:709
13134	C ₁₄ H ₃₂ Si 228.50 3429-61-6		dihexyl-dimethyl-silane	III/38a 2.1.5:706
13135	C ₁₄ H ₃₂ Si 228.50 56568-89-9		(3-methyl-butyl)-triisopropyl-silane	III/38a 2.1.5:710
13136	C ₁₄ H ₃₂ Si 228.50 17957-61-8		(2-methyl-butyl)-tripropyl-silane	III/38a 2.1.5:711
13137	C ₁₄ H ₄₂ O ₅ Si ₆ 459.00 107-52-8		tetradecamethyl hexasiloxane	III/38a 2.1.5:714; IV/6 2.1.3:1694; IV/16 2.1.5:235
13138	C ₁₄ H ₄₂ O ₇ Si ₇ 519.09 107-50-6		tetradecamethyl cycloheptasiloxane	III/38a 2.1.5:715; IV/6 2.1.3:1695
13139	C ₁₅ F ₃₃ OP 854.09 61908-82-5		tris(perfluoroisopentyl)phosphine oxide	IV/6 2.1.3:1696
13140	C ₁₅ H ₅ F ₁₇ O ₃ 556.18 67727-68-8		2,3,3,3-tetrafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoro-propoxy)-propoxy]-1-phenyl-propan-1-one	IV/16 2.1.7:2365
13141	C ₁₅ H ₅ ClF ₃ NO 311.69 37942-43-1		1-chloro-1-phenyl-1-(<i>p</i> -trifluoromethylphenyl)-methyl isocyanate	IV/6 2.1.3:1697

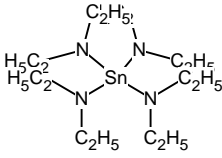
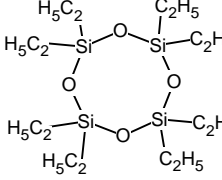
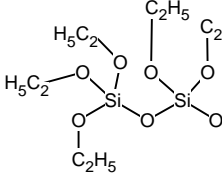
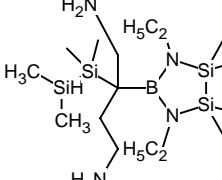
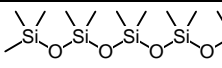
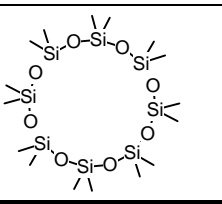
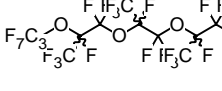
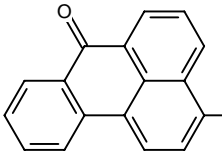
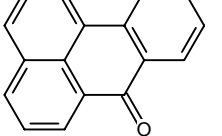
13142	C ₁₅ H ₁₀ N ₂ O ₂ 250.26 10031-75-1		1,1'-diphenylmethane diisocyanate	IV/6 2.1.3:1698
13143	C ₁₅ H ₁₀ N ₂ O ₂ 250.26 101-68-8		bis(4-isocyanatophenyl)methane; 1,1'-methylenebis[4-isocyanatobenzene]; methylenebis(<i>p</i> -phenylene isocyanate); <i>p,p'</i> -methylenebis(phenyl isocyanate)	IV/8a 3.5.8,p.329
13144	C ₁₅ H ₁₀ O ₂ 222.25 84-54-8		anthraquinone, 2-methyl-; 2-methyl-9,10(9H,10H)-anthracenedione; 2-methylantraquinone	IV/8a 3.5.8,p.329
13145	C ₁₅ H ₁₁ ClF ₃ NO ₄ 361.71 42874-03-3		2-chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene	IV/8a 3.5.8,p.329
13146	C ₁₅ H ₁₁ F ₃ O ₃ 296.25 7396-90-9		2-hydroxy-4-methoxy-4'-(trifluoromethyl)benzophenone	IV/20b 4.6:1561
13147	C ₁₅ H ₁₁ NO 221.26 92-71-7		2,5-diphenyl-oxazole	III/38b 2.1:7577
13148	C ₁₅ H ₁₂ 192.26 4505-48-0		2-phenyl-1H-indene	IV/8f 5.4:1262
13149	C ₁₅ H ₁₂ 192.26 1961-96-2		1H-indene, 1-phenyl-; 1-phenyl-1H-indene	IV/8f 5.4:1261
13150	C ₁₅ H ₁₂ 192.26 779-02-2	 see also: 15280(M) , 15429(M)	9-methylantracene	III/38b 2.1:7579; IV/8f 5.3.1:1142; IV/20a 2.4:1161
13151	C ₁₅ H ₁₂ 192.26 832-64-4		4-methylphenanthrene; phenanthrene, 4-methyl-	IV/8a 3.5.8,p.329; IV/20a 2.4:1162

13152	C ₁₅ H ₁₂ 192.26 610-48-0		1-methylantracene	III/38b 2.1:7578; IV/8f 5.3.1:1141
13153	C ₁₅ H ₁₂ ClNO 257.72 51250-41-0		1-chloro-1-phenyl 1-(4-methylphenyl)methyl isocyanate	IV/6 2.1.3:1701
13154	C ₁₅ H ₁₂ ClNO 257.72 37942-39-5		1-chloro-1-phenyl 1-(3-methylphenyl)methyl isocyanate	IV/6 2.1.3:1700
13155	C ₁₅ H ₁₂ ClNO ₂ 273.72 51250-42-1		1-chloro-1-phenyl-1-(4-methoxyphenyl)-methyl isocyanate	IV/6 2.1.3:1702
13156	C ₁₅ H ₁₂ Cl ₂ O ₂ 295.17 5359-38-6		ethanoic acid, bis(4-chlorophenyl)-, methyl ester; methyl bis(4-chlorophenyl)ethanoate	IV/8a 3.5.8,p.329
13157	C ₁₅ H ₁₂ F ₁₆ O ₄ 560.23 308-36-1		di(1H,1H,5H-octafluoropentyl) glutarate; glutaric acid bis 1H,1H,5H-octafluoro-pentyl ester	III/38b 2.1:7580; IV/6 2.1.3:1699
13158	C ₁₅ H ₁₂ O 208.26 94-41-7		benzalacetophenone; cinnamophenone; 1-benzoyl-2-phenylethene; 2-benzylideneacetophenone; chalkone; 1,3-diphenyl-2-propene-1-one; phenyl 2-phenylvinyl ketone; 3-phenylacrylophenone	IV/7b 3.63:1
13159	C ₁₅ H ₁₂ O ₃ 240.26 85-55-2		benzoic acid, 2-(4-methylbenzoyl)-; 2-(4-methylbenzoyl)benzoic acid; <i>o</i> -(<i>p</i> -toluyl)benzoic acid	IV/8a 3.5.8,p.329
13160	C ₁₅ H ₁₂ O ₄ 256.26 134-55-4		phenyl <i>o</i> -acetylsalicylate	IV/6 2.1.3:1703
13161	C ₁₅ H ₁₃ Cl ₂ NO ₂ 310.18 117-27-1		2-nitro-1,1-bis(<i>p</i> -chlorophenyl)propane; 1,1'-(2-nitropropylidene)bis(4-chlorobenzene); prolan	IV/8a 3.5.8,p.329

13619	C ₁₅ H ₃₉ NO ₃ Si ₃ 365.74 20836-42-4		tris-(2-trimethylsilyloxyethyl)-amine; tris-(trimethylsilyloxyethyl)amine	III/38a 2.1.5:719; IV/6 2.1.3:1725
13620	C ₁₆ F ₃₄ 838.12 355-49-7	C ₁₆ F ₃₄	perfluoro-N-hexadecane; perfluorohexadecane; tetratriacontafluorohexadecane	IV/8a 3.5.8,p.337; IV/20b 4.6:1573
13621	C ₁₆ H ₁₀ 202.26 886-66-8		1,1'-(1,3-butadiyne-1,4-diyl)bisbenzene; 1,4-diphenyl-1,3-butadiyne; 1,4-diphenyldiacetylene	IV/7b 3.11:1; IV/8f 2.5:266
13622	C ₁₆ H ₁₀ 202.26 206-44-0		1,2-benzacenaphthene; benzo(jk)fluorene; fluoranthene; 1,2-(1,8-naphthalene)benzene	IV/8a 3.5.8,p.337; IV/8f 5.3.2:1161; IV/20a 2.4:1182
		see also: 15421(M), 15576(M)		
13623	C ₁₆ H ₁₀ 202.26 129-00-0		benzo(DEF)phenanthrene; pyrene	IV/8a 3.5.8,p.337; IV/8f 5.3.2:1160; IV/20a 2.4:1183
		see also: 15420(M), 15575(M)		
13624	C ₁₆ H ₁₁ N ₃ O ₇ 357.28 5160-53-2		naphthalene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.8,p.337
		see also: 3842(S), 8295(S)		
13625	C ₁₆ H ₁₂ 204.27 605-02-7		naphthalene, 1-phenyl-; 1-phenylnaphthalene	IV/8f 5.4:1264
13626	C ₁₆ H ₁₂ F ₂₄ O ₂ Si 720.32 2821-15-0		dimethyl-bis(1H,1H,7H-dodecafluoroheptyloxy)-silane	IV/16 2.1.5:237
13627	C ₁₆ H ₁₂ Ge 276.86 1675-59-8		diethynyldiphenylgermane; germane, diethynyldiphenyl-	IV/8a 3.5.8,p.338
13628	C ₁₆ H ₁₂ N ₂ O 248.29 1602-36-4		1,2-naphthoquinone-phenylhydrazone	IV/16 2.1.7:2416
13629	C ₁₆ H ₁₂ S ₂ 268.40 16212-85-4		3,6-diphenyl-1,2-dithiine; 1,2-dithiin, 3,6-diphenyl-; o-dithiin, 3,6-diphenyl-	IV/20b 3.2:500

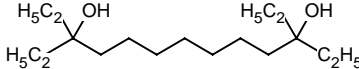
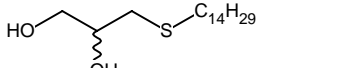

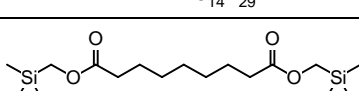


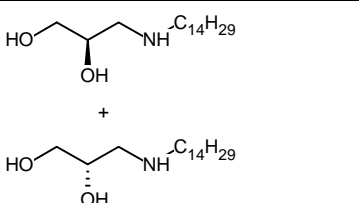
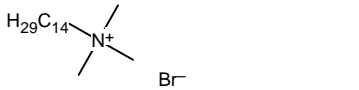
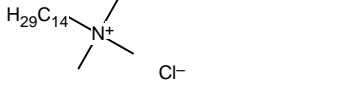
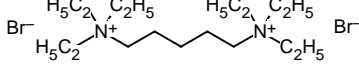
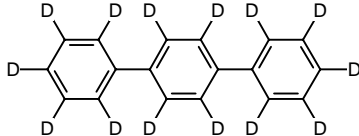
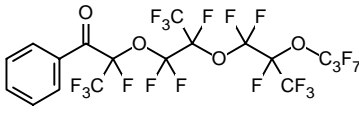
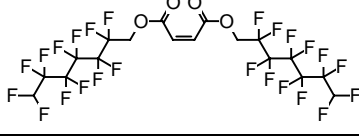
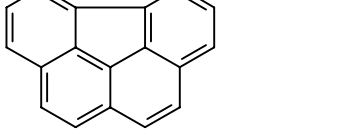
13630	C ₁₆ H ₁₂ Si 232.36 1675-57-6		diethynyldiphenylsilane; silane, diethynyldiphenyl-	IV/8a 3.5.8,p.338
13631	C ₁₆ H ₁₃ ClN ₂ O ₂ 300.75 22316-47-8		7-chloro-1-methyl-5-phenyl-1H-1,5-benzodiazepine-2,4(3H,5H)-dione; clobazam; clorepin; 1-phenyl-5-methyl-8-chloro-1,2,4,5-tetrahydro-2,4-dioxo-3H-1,5-benzodiazepine	IV/8a 3.5.8,p.338
13632	C ₁₆ H ₁₄ 206.29 886-65-7		benzene, 1,1'-(1,3-butadiene-1,4-diyl)bis-; bisteryl; 1,4-diphenyl-1,3-butadiene; 1,4-diphenylerythrene; disteryl; dpb	IV/7b 3.8:1; IV/20a 2.4:1186
13633	C ₁₆ H ₁₄ 206.29 5808-05-9		benzene, 1,1'-(1,3-butadiene-1,4-diyl)bis-, (E,Z)-; (E,Z)-1,4-diphenyl-1,3-butadiene; <i>trans</i> , <i>cis</i> -1,4-diphenyl-1,3-butadiene	IV/8f 2.5:269
13634	C ₁₆ H ₁₄ 206.29 5807-76-1		benzene, 1,1'-(1,3-butadiene-1,4-diyl)bis-, (Z,Z)-; <i>cis</i> , <i>cis</i> -1,4-diphenyl-1,3-butadiene; (Z,Z)-1,4-diphenyl-1,3-butadiene	IV/8f 2.5:268
13635	C ₁₆ H ₁₄ 206.29		1,1-diphenyl-1,3-butadiene	IV/8f 2.5:267
13636	C ₁₆ H ₁₄ 206.29 2548-47-2		benzene, 1,1'-[1,2-bis(methylene)-1,2-ethanediyl]bis-; 2,3-diphenyl-1,3-butadiene	IV/8f 2.5:270
13637	C ₁₆ H ₁₄ 206.29 7469-40-1		3,4-dihydro-1-phenylnaphthalene; 1,2-dihydro-4-phenylnaphthalene; 1-phenyl-3,4-dihydronaphthalene	IV/8f 5.4:1265
13638	C ₁₆ H ₁₄ 206.29 3674-74-6		2-ethylphenanthrene; phenanthrene, 2-ethyl-	IV/8f 5.3.2:1164
13639	C ₁₆ H ₁₄ 206.29 605-83-4		9-ethylanthracene	III/38b 2.1:7707; IV/8f 5.3.2:1163

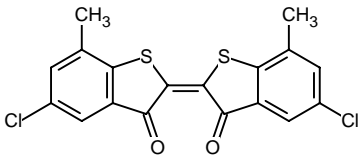
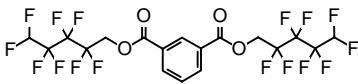
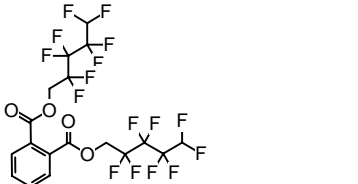
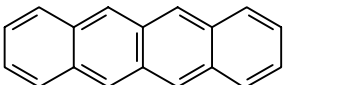
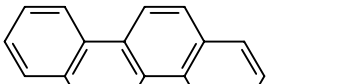

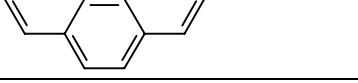
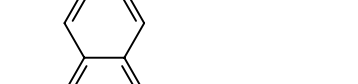
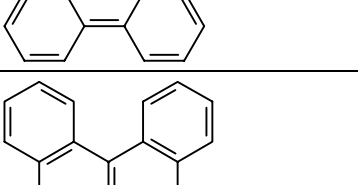
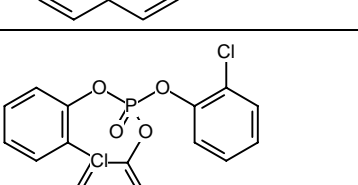
13640	C ₁₆ H ₁₄ 206.29 3674-75-7		9-ethylphenanthrene	III/38b 2.1:7708; IV/8f 5.3.2:1165
13641	C ₁₆ H ₁₄ 206.29 604-83-1		9,10-dimethylphenanthrene; 9,10-phenanthraquinodimethane; phenanthrene, 9,10-dimethyl-	IV/20a 2.4:1185
13642	C ₁₆ H ₁₄ 206.29 781-43-1		anthracene, 9,10-dimethyl-; 9,10-dimethylantracene	IV/20a 2.4:1184
13643	C ₁₆ H ₁₄ 206.29 3674-69-9		4,5-dimethylphenanthrene,; 4,5-dimethylphenanthrene; phenanthrene, 4,5-dimethyl-	IV/8f 5.3.2:1162
13644	C ₁₆ H ₁₄ 206.29 100652-57-1		fluoranthene, 1,2,3,4-tetrahydro-; 1,2,3,4-tetrahydrofluoranthene	IV/8f 5.2.3:962
13645	C ₁₆ H ₁₄ 206.29 20279-21-4		1,2,3,10b-tetrahydrofluoranthene	IV/20a 2.4:1187
13646	C ₁₆ H ₁₄ 206.29 781-17-9		pyrene, 4,5,9,10-tetrahydro-; 4,5,9,10-tetrahydropyrene	IV/8a 3.5.8,p.338; IV/8f 5.2.3:963
13647	C ₁₆ H ₁₄ Cl ₂ O ₃ 325.19 510-15-6		benzilan; chlorobenzilate; benzilic acid, 4,4'-dichloro-, ethyl ester; ethyl 4-chloro-a-(4-chloro phenyl)-a-hydroxy benzeneethanoate	IV/8a 3.5.8,p.338
13648	C ₁₆ H ₁₄ Cl ₂ O ₄ 341.19 51338-27-3		diclofop, methyl-; hoelon; methyl 2[4-(2,4-dichlorophenoxy)phenoxy]propanoate	IV/8a 3.5.8,p.339

14142	C ₁₆ H ₄₀ N ₄ Sn 407.21 21941-96-8		tetrakis-(diethylamino)-stannane	III/38a 2.1.2:160
14143	C ₁₆ H ₄₀ O ₄ Si ₄ 408.84 1451-99-6		octaethylcyclotetrasiloxane	IV/8a 3.5.8,p.350; IV/16 2.1.5:244
14144	C ₁₆ H ₄₀ O ₁₀ Si ₃ 476.75 4521-94-2		octaethoxytrisiloxane; trisilicic acid octaethyl ester	III/38a 2.1.5:731; IV/6 2.1.3:1757; Mixtures: IV/6 3.1:524, 963
14145	C ₁₆ H ₄₅ BN ₄ Si ₄ 416.72 112848-90-5		1-(2-ethylamino-tetramethyldisilanyl)ethylamino-3,3,4,4-tetramethyl-2,5-diethyl-cyclo-1-bor-3,4-disil-2,5-diazane	III/38a 2.1.4:262
14146	C ₁₆ H ₄₈ O ₆ Si ₇ 533.16 541-01-5		hexadecamethyl heptasiloxane	III/38a 2.1.5:732; IV/6 2.1.3:1758; IV/16 2.1.5:245
14147	C ₁₆ H ₄₈ O ₈ Si ₈ 593.24 556-68-3		hexadecamethyl cycloheptasiloxane; hexadecamethyl-cyclooctasiloxane	III/38a 2.1.5:733; IV/6 2.1.3:1759
14148	C ₁₇ HF ₃₅ O ₅ 950.14 37486-69-4		1,1,1,2,3,3-hexafluoro-2-[1,1,2,3,3,3-hexafluoro-2-(1,1,2,2,3,3,3-heptafluoro-propoxy)-propoxy]-3-(1,2,2-trifluoro-1-trifluoromethyl-2-[1,2,2-trifluoro-2-(1,2,2,2-tetrafluoro-ethoxy)-1-trifluoromethyl-ethoxy]-ethoxy)-propane	IV/16 2.1.7:2484
14149	C ₁₇ H ₉ BrO 309.17 81-96-9		7H-benz[de]anthracene-7-one, 3-bromo-; 3-bromo-7H-benz[de]anthracene-7-one	IV/8a 3.5.8,p.350
14150	C ₁₇ H ₁₀ O 230.27 82-05-3		1,9-benz-10-anthrone; 7H-benz[de]anthracen-7-one; benzanthronone; benzanthrone; naphthanthrone; 7-oxobenz[de]anthracene	IV/8a 3.5.8,p.350

14151	C ₁₇ H ₁₂ 216.29 238-84-6		benzo[a]fluorene; 11H-benzo[a]fluorene; 1,2-benzofluorene; chrysofluorene	IV/8a 3.5.8,p.350
14152	C ₁₇ H ₁₂ 216.29 243-17-4		benzo[b]fluorene; 2,3-benzofluorene	IV/8a 3.5.8,p.350; IV/8f 5.3.2:1176
14153	C ₁₇ H ₁₂ O ₂ 248.28 21009-99-4		2-benzoyl-1-naphthol; 1-hydroxy-2-benzoylnaphthalene; ketone, 1-hydroxy-2-naphthyl phenyl	IV/8a 3.5.8,p.350
14154	C ₁₇ H ₁₂ O ₂ 248.28 24776-44-1		4-benzoyl-1-naphthol; 4-hydroxy-1-benzoylnaphthalene; ketone, 4-hydroxy-1-naphthyl phenyl	IV/8a 3.5.8,p.351
14155	C ₁₇ H ₁₂ O ₂ 248.28 6333-07-9		1-benzoyl-2-hydroxynaphthalene; 1-benzoyl-2-naphthol; (2-hydroxy-1-naphthalenyl)phenylmethanone; 2-hydroxy-1-naphthophenone; ketone, 2-hydroxy-1-naphthyl phenyl	IV/8a 3.5.8,p.351
14156	C ₁₇ H ₁₂ O ₃ 264.28 613-78-5		2-naphthyl salicylate	IV/6 2.1.3:1760
14157	C ₁₇ H ₁₃ N ₃ O ₆ 355.31 66516-48-1		naphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.8,p.351
14158	C ₁₇ H ₁₃ N ₃ O ₇ 371.31 5160-55-4		2-methylnaphthalene, compd. with 2,4,6-trinitrophenol (1:1); naphthalene, 2-methyl-, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.8,p.338
14159	C ₁₇ H ₁₃ N ₃ O ₇ 371.31 5160-54-3		1-methylnaphthalene, compd. with 2,4,6-trinitrophenol (1:1); naphthalene, 1-methyl-, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.8,p.338
14160	C ₁₇ H ₁₄ 218.30 611-45-0		1-benzyl-naphthalene; phenyl-α-naphthylmethane; 1-(phenylmethyl)naphthalene	IV/8f 5.4:1276
14161	C ₁₇ H ₁₄ 218.30 613-59-2		2-benzyl-naphthalene; naphthalene, 2-(phenylmethyl)-; 2-(phenylmethyl)naphthalene	IV/8f 5.4:1277

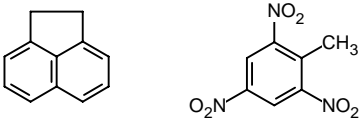
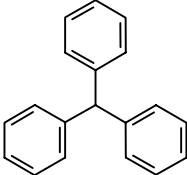
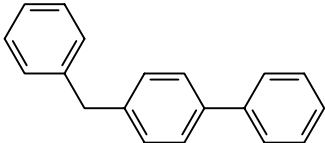
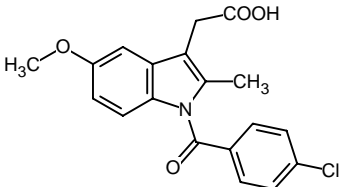
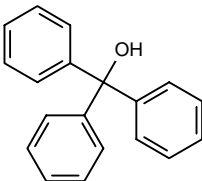
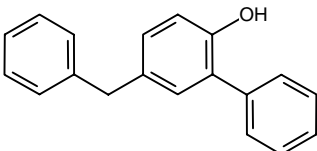
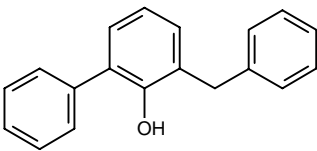
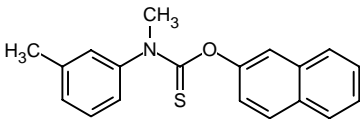
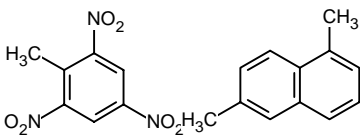
14162	C ₁₇ H ₁₄ N ₂ O 262.31 2036-45-5		1-methoxy-2-(phenylazo)-naphthalene	IV/16 2.1.7:2485
14163	C ₁₇ H ₁₄ N ₂ O ₂ 278.31 1156-51-0		2,2-bis(4-cyanatophenyl)propane; cyanic acid, (1-methylethylidene)bis(1,4-phenylene) ester	IV/8a 3.5.8,p.351
14164	C ₁₇ H ₁₄ O ₃ 266.30 1467-40-9		1,5-diphenyl-pentane-2,3,4-trione	IV/16 2.1.7:2486
14165	C ₁₇ H ₁₄ O ₅ 298.30 117-52-2		3-(α-acetyl-furfuryl)-4-hydroxycoumarin; coumatfuryl	IV/8a 3.5.8,p.351
14166	C ₁₇ H ₁₅ F ₁₇ N ₄ O ₄ 662.31 127880-12-0		3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10- heptafluoro-decanoic acid (((carbamoylmethyl-carbamoyl)-methyl]- methyl-carbamoyl)-methyl)-amide	IV/16 2.1.7:2487
14167	C ₁₇ H ₁₆ 220.32		3,4-diphenyl-1-cyclopentene; 1,2-diphenyl-2-cyclopentene	IV/8f 3.3:414
14168	C ₁₇ H ₁₆ 220.32		1,2-dihydro-1-methyl-4-phenylnaphthalene; 1-methyl-4-phenyl-1,2-dihydronaphthalene	IV/8f 5.4:1278
14169	C ₁₇ H ₁₆ 220.32 80710-76-5		3,4-dihydro-1-(2- methylphenyl)naphthalene; 1,2-dihydro-4-(2- methylphenyl)naphthalene; naphthalene, 1,2-dihydro-4-(2- methylphenyl)-	IV/8f 5.4:1279
14170	C ₁₇ H ₁₆ Br ₂ O ₃ 428.13 18181-80-1		acarol; bromopropylate; isopropyl 4,4'-dibromobenzilate; 1-methylethyl 4-bromo-α-(4-bromophenyl)- α-hydroxybenzeneacetate; neoron; phenisobromolate	IV/8a 3.5.8,p.351

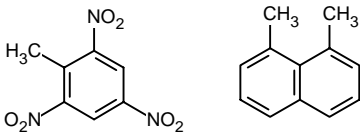
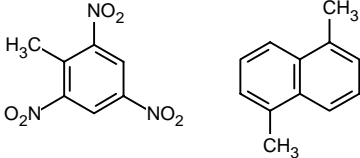
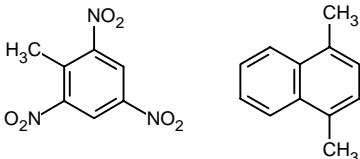
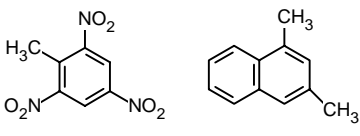
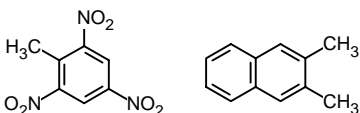
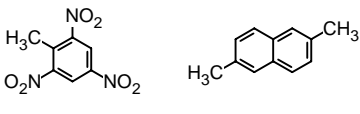
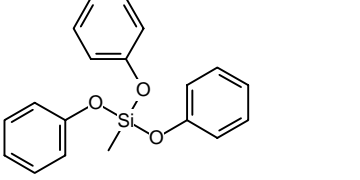
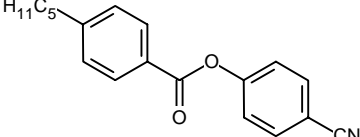
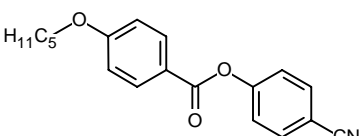
14382	C ₁₇ H ₃₆ O ₂ 272.48		3,11-diethyl-tridecane-3,11-diol	IV/16 2.1.7:2507
14383	C ₁₇ H ₃₆ O ₂ S 304.54 24724-31-0		3-(tetradecylthio)-1,2-propanediol	IV/8a 3.5.8,p.354
14384	C ₁₇ H ₃₆ O ₃ 288.48 1561-06-4		glycerin 1-tetradecyl ether; myristyl glyceryl ether; 3-tetradecyloxy-1,2-propanediol	IV/8a 3.5.8,p.354
14385	C ₁₇ H ₃₆ O ₄ Si ₂ 360.65 18547-68-7		di(trimethylsilylmethyl) azelate; nonanedioic acid bis-trimethylsilylmethyl ester	III/38a 2.1.5:734; IV/6 2.1.3:1773
14386	C ₁₇ H ₃₆ S 272.54 53193-22-9		1-heptadecanethiol	IV/20b 3.2:504
14387	C ₁₇ H ₃₇ N 255.49 4200-95-7		heptadecylamine	III/38b 2.1:7971
14388	C ₁₇ H ₃₇ NO ₂ 287.49 126835-69-6		1,2-propanediol, 3-(tetradecylamino)-, (±)-; 3-(tetradecylamino)-1,2-propanediol	IV/8a 3.5.8,p.355
14389	C ₁₇ H ₃₈ BrN 336.41 1119-97-7		myristyltrimethylammonium bromide; n-tetradecyltrimethylammonium bromide	IV/8a 3.5.8,p.355
14390	C ₁₇ H ₃₈ ClN 291.95 4574-04-3		myristyltrimethylammonium chloride; tetradecyltrimethylammonium chloride	IV/8a 3.5.8,p.355
14391	C ₁₇ H ₄₀ Br ₂ N ₂ 432.34 7128-82-7		1,5-bis(triethylammonium)pentane dibromide; N,N,N,N',N',N'-hexaethyl-1,5- pentanediaminium dibromide	IV/8a 3.5.8,p.355
14392	C ₁₈ D ₁₄ 244.40 1718-51-0		1,1':4',1''-terphenyl-d14; <i>p</i> -terphenyl-d14	IV/8a 3.5.9,p.360
14393	C ₁₈ H ₅ F ₂₃ O ₄ 722.20 67727-69-9		2,3,3,3-tetrafluoro-2-(1,1,2,3,3,3- hexafluoro-2-[1,1,2,3,3,3-hexafluoro-2- (1,1,2,2,3,3,3-heptafluoro-propoxy)- propoxy]-propoxy)-1-phenyl-propan-1-one	IV/16 2.1.7:2508
14394	C ₁₈ H ₈ F ₂₄ O ₄ 744.22 63578-78-9		<i>cis</i> -but-2-enedioic acid bis-(2,2,3,3,3,4,4,5,5, 6,6,7,7-dodecafluoro-heptyl) ester	IV/16 2.1.7:2509
14395	C ₁₈ H ₁₀ 226.28 203-12-3		benzo[ghi]fluoranthene	IV/8a 3.5.9,p.359

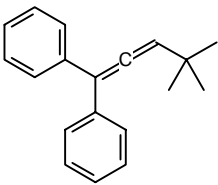
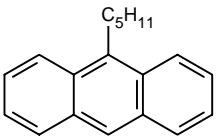
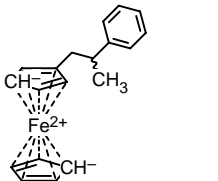
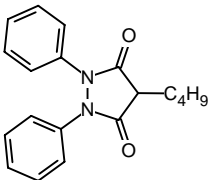
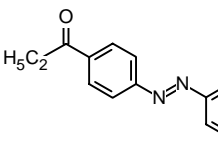
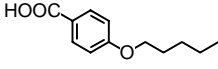
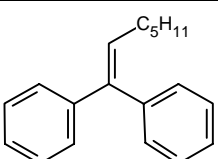
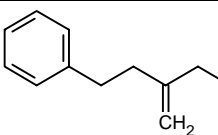
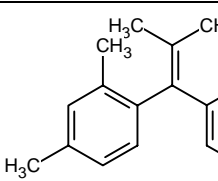
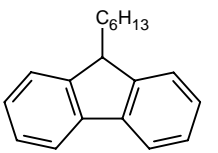
14396	C ₁₈ H ₁₀ Cl ₂ O ₂ S ₂ 393.31 5462-29-3		anthracen red violet RH; [δ2,2' (3H,3' H)-bibenzo[b]thiophene]-3,3'-dione, 5,5'-dichloro-7,7'-dimethyl-; calcoloid violet 6Rp; 5,5'-dichloro-7,7'-dimethylthioindigo; indanthren printing red violet RH	IV/20b 3.2:505
14397	C ₁₈ H ₁₀ F ₁₆ O ₄ 594.25		di(1H,1H,5H-octafluoropentyl) isophthalate	IV/6 2.1.3:1774
14398	C ₁₈ H ₁₀ F ₁₆ O ₄ 594.25 572-94-1		di(1H,1H,5H-octafluoropentyl) phthalate; phthalic acid bis-(1H,1H,5H-octafluoropentyl ester)	III/38b 2.1:7972; IV/6 2.1.3:1775
14399	C ₁₈ H ₁₂ 228.30 92-24-0		2,3-benzanthracene; naphthacene; tetracene	IV/8f 5.3.2:1184; IV/20a 2.5:1231
14400	C ₁₈ H ₁₂ 228.30 218-01-9		benzo[a]phenanthrene; chrysene	IV/8a 3.5.9,p.359; IV/8f 5.3.2:1183; IV/20a 2.5:1230
14401	C ₁₈ H ₁₂ 228.30 56-55-3		benz[a]anthracene; 1,2-benzanthracene; 1,2-benzoanthracene	IV/8a 3.5.9,p.359; IV/8f 5.3.2:1183; IV/20a 2.5:1229
14402	C ₁₈ H ₁₂ 228.30 217-59-4		triphenylene	IV/8a 3.5.9,p.359; IV/8f 5.3.2:1186; IV/20a 2.5:1232
14403	C ₁₈ H ₁₂ 228.30 195-19-7		benzo[c]phenanthrene; 3,4-benzophenanthrene; tetrahelicene	IV/8a 3.5.9,p.359
14404	C ₁₈ H ₁₂ Cl ₃ O ₄ P 429.63 631-44-7		phosphoric acid tris(2-chlorophenyl)ester	IV/16 2.1.6:363
14405	C ₁₈ H ₁₂ F ₂₂ O ₄ 710.26 424-24-8		di(1H,1H-undecafluorohexyl) 3-methylglutarate; 3-methyl-glutaric acid bis-(1H,1H-undecafluoro-hexyl ester)	III/38b 2.1:7973; IV/6 2.1.3:1776

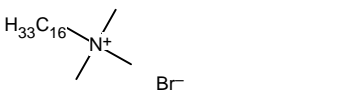
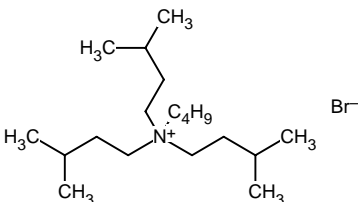
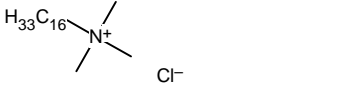
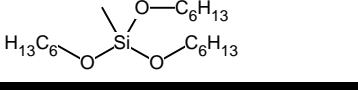
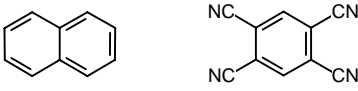
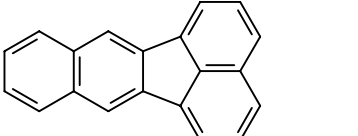
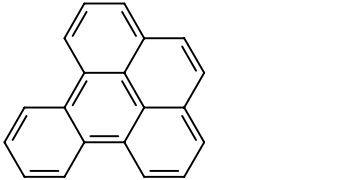
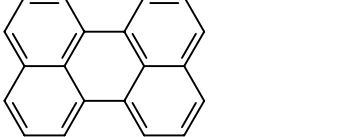
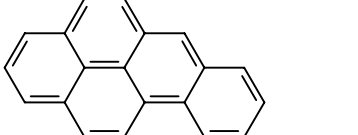
14406	C ₁₈ H ₁₃ Cl ₂ O ₄ P 395.18 597-80-8		phosphoric acid bis(2-chlorophenyl) phenylester	IV/16 2.1.6:364
14407	C ₁₈ H ₁₃ N ₃ O ₇ 383.32 5892-42-2		acenaphthene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.9,p.359
14408	C ₁₈ H ₁₄ 230.31 84-15-1		1,1'-biphenyl, 2-phenyl-; 1,2-diphenylbenzene; 1,1':2',1''-terphenyl; 1,2-terphenyl; o-terphenyl	IV/8a 3.5.9,p.360; IV/8f 3.4:458; IV/16 2.1.7:2510; IV/20a 2.5:1234
14409	C ₁₈ H ₁₄ 230.31 92-06-8		1,1':3',1''-biphenyl; 1,3-diphenylbenzene; 1,1':3',1''-terphenyl; <i>m</i> -triphenyl	IV/8f 3.4:459; IV/20a 2.5:1235
14410	C ₁₈ H ₁₄ 230.31 92-94-4		1,4-diphenylbenzene; 1,1':4',1''-terphenyl; 1,4-terphenyl; <i>p</i> -terphenyl; <i>p</i> -triphenyl	IV/7c 4.1:1; IV/8a 3.5.9,p.360; IV/20a 2.5:1236
14411	C ₁₈ H ₁₄ 230.31 26140-60-3		diphenylbenzene; terbenzene; terphenyl; triphenyl	IV/8f 3.4:457
14412	C ₁₈ H ₁₄ 230.31 959-02-4		5,12-dihydronaphthacene; 5,12-dihydrotetracene; naphthacene, 5,12-dihydro-	IV/20a 2.5:1233
14413	C ₁₈ H ₁₄ O ₂ 262.31 3379-38-2		1,3-diphenoxybenzene	IV/6 2.1.3:1777
14414	C ₁₈ H ₁₄ O ₃ 278.31 538-56-7		cinnamic acid anhydride; 3-phenyl-2-propenoic acid, anhydride; 2-propenoic acid, 3-phenyl-, anhydride	IV/8a 3.5.9,p.360
14415	C ₁₈ H ₁₅ As 306.24 603-32-7		triphenyl-arsine	IV/16 2.1.3:178
14416	C ₁₈ H ₁₅ Bi 440.30 603-33-8		triphenyl-bismuthine	IV/16 2.1.2:161

14814	C ₁₈ H ₄₂ OSi ₂ 330.71 18544-27-9		1,3-diheptyl-1,1,3,3-tetramethyl-disiloxane	IV/16 2.1.5:252
14815	C ₁₈ H ₄₃ NSi ₂ 329.72 69519-50-2		1,3-diheptyl-1,1,3,3-tetramethyl-disilazane	IV/16 2.1.5:253
14816	C ₁₈ H ₄₄ Cl ₄ CoN ₂ 489.31 56104-88-2		1-nonanamine (T-4)-tetrachlorocobaltate(2-)(2:1)	IV/8a 3.5.9,p.371
14817	C ₁₈ H ₅₄ O ₇ Si ₈ 607.32 556-69-4		octadecamethyl-octasiloxane	IV/16 2.1.5:254
14818	C ₁₈ H ₅₄ O ₉ Si ₉ 667.40 556-71-8		octadecamethyl-cyclononasiloxane	III/38a 2.1.5:744
14819	C ₁₉ H ₁₃ N ₃ O ₇ 395.33 5978-44-9		9H-fluorene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.8,p.338
14820	C ₁₉ H ₁₄ 242.32 789-24-2		9H-fluorene, 9-phenyl-; 9-phenyl-9H-fluorene	IV/8f 5.4:1292
14821	C ₁₉ H ₁₄ F ₆ O ₄ 420.31 1544-09-8		2,2,3,3,4,4-hexafluoro-1,5-pentanedioyl dibenzoate	IV/6 2.1.3:1807
14822	C ₁₉ H ₁₅ BrO 339.24		6-benzyl-4-bromo-2-phenyl-phenol	IV/16 2.1.7:2553
14823	C ₁₉ H ₁₅ BrO 339.24		4-benzyl-6-bromo-2-phenyl-phenol	IV/16 2.1.7:2554

14824	C ₁₉ H ₁₅ N ₃ O ₆ 381.35 101896-13-3	 see also: 5074(S) , 10513(S)	acenaphthene, compd. with 2-methyl-1,3,5-trinitrobenzene (1:1)	IV/8a 3.5.9,p.371
14825	C ₁₉ H ₁₆ 244.34 519-73-3		benzene, 1,1',1''-methylidynetris-; 1,1',1''-methylidynetrisbenzene; triphenylmethane; tritane	III/38b 2.1:8123; IV/6 2.1.3:1808; IV/8a 3.5.9,p.371; IV/8f 2.4.2:218; IV/16 2.1.7:2555; IV/20a 2.5:1269
14826	C ₁₉ H ₁₆ 244.34 613-42-3		4-benzyl-1,1'-biphenyl; 4-benzylbiphenyl; <i>p</i> -biphenylphenylmethane; 4-(phenylmethyl)-1,1'-biphenyl	IV/8f 6:1322
14827	C ₁₉ H ₁₆ ClNO ₄ 357.80 53-86-1		1-(4-chlorobenzoyl)-5-methoxy-2-methylindoleacetic acid; indomethacin	IV/8a 3.5.9,p.372
14828	C ₁₉ H ₁₆ O 260.34 76-84-6		triphenyl-methanol	IV/16 2.1.7:2558
14829	C ₁₉ H ₁₆ O 260.34		4-benzyl-2-phenyl-phenol	IV/16 2.1.7:2556
14830	C ₁₉ H ₁₆ O 260.34 22040-08-0		6-benzyl-2-phenyl-phenol	IV/16 2.1.7:2557
14831	C ₁₉ H ₁₇ NOS 307.42 2398-96-1		methyl(3-methylphenyl)carbamothioic acid O-2-naphthalenyl ester; tolnoftate	IV/8a 3.5.9,p.372
14832	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-45-7		1,6-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 1,6-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.372

14833	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-46-8		1,8-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 1,8-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.372
14834	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-44-6		1,5-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 1,5-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.372
14835	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-43-5		1,4-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 1,4-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.372
14836	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-42-4	 see also: 5074(S) , 10580(S)	1,3-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 1,3-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.372
14837	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-47-9		2,3-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1); naphthalene, 2,3-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.373
14838	C ₁₉ H ₁₇ N ₃ O ₆ 383.36 114829-54-8	 see also: 5074(S) , 10583(S)	2,6-dimethylnaphthalene, compd. with 2-methyl-1,3,5-trinitrobenzene (1:1); naphthalene, 2,6-dimethyl-, compd. with 2-methyl-1,3,5-trinitrobenzene (1:1)	IV/8a 3.5.9,p.373
14839	C ₁₉ H ₁₈ O ₃ Si 322.44 3439-97-2		methyltriphenoxysilane	III/38a 2.1.5:745; IV/6 2.1.3:1809
14840	C ₁₉ H ₁₉ NO ₂ 293.37 49763-64-6		4-pentyl-benzoic acid 4-cyano-phenyl ester	IV/7b 3.39:327; IV/16 2.1.7:2559
14841	C ₁₉ H ₁₉ NO ₃ 309.37 50649-73-5		4-(pentyloxy)-benzoic acid 4-cyano-phenyl ester	IV/7b 3.39:335; IV/16 2.1.7:2560

14842	C ₁₉ H ₂₀ 248.37		4,4-dimethyl-1,1-diphenyl-1,2-pentadiene	IV/8f 2.5:294
14843	C ₁₉ H ₂₀ 248.37 33576-54-4		anthracene, 9-pentyl-; 9-pentylantracene	IV/8f 5.3.2:1204
14844	C ₁₉ H ₂₀ Fe 304.22 12303-73-0		1-(α-methylphenethyl)-ferrocene	III/38a 2.1.2:169
14845	C ₁₉ H ₂₀ N ₂ O ₂ 308.38 50-33-9		4-butyl-1,2-diphenyl-3,5-dioxopyrazolidine; 4-butyl-1,2-diphenyl-3,5-pyrazolidinedione; phenylbutazone	IV/8a 3.5.9,p.373
14846	C ₁₉ H ₂₀ N ₂ O ₃ 324.38 76204-68-7		4-[[4-(1-oxopropyl)phenyl]azo]phenyl butanoate; 4-propionyl-4'-butanoyloxyazobenzene	IV/7b 3.5.1:636; IV/8a 3.5.9,p.373
14847	C ₁₉ H ₂₀ O ₆ 344.37 22247-66-1		4,4'-dicarboxy-α,ω-diphenoxypentane; 4,4'-[1,2-pentanediy]bis(oxy)]bis(benzoic acid)	IV/8a 3.5.9,p.373
14848	C ₁₉ H ₂₂ 250.39 1530-20-7		benzene, 1,1'-(1-heptenyldene)bis-; 1,1-diphenyl-1-heptene; 1-heptene, 1,1-diphenyl-	IV/8f 2.5:295
14849	C ₁₉ H ₂₂ 250.39		1,6-diphenyl-3-methylenehexane	IV/8f 2.5:296
14850	C ₁₉ H ₂₂ 250.39		1-(2,4-dimethylphenyl)-1-(4-methylphenyl)- 2-methyl-1-propene	IV/8f 2.5:297
14851	C ₁₉ H ₂₂ 250.39 2470-83-9		fluorene, 9-hexyl-; 9-hexyl-9H-fluorene; 9-hexylfluorene	IV/8f 5.3.2:1205

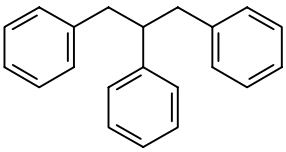
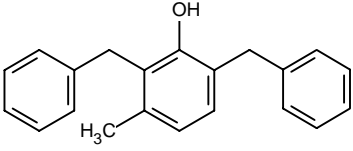
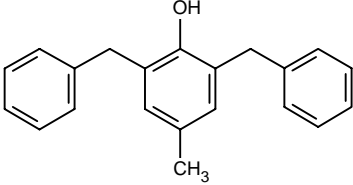
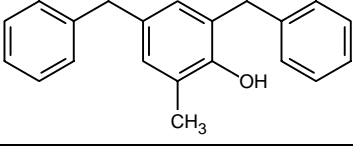
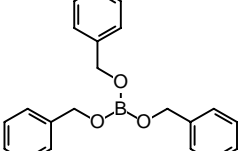
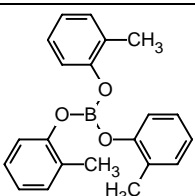
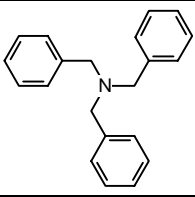
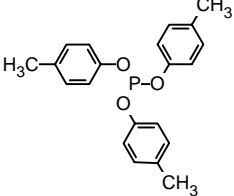
15028	C ₁₉ H ₄₀ S 300.60 53193-23-0	H ₃₃ C ₁₉ -SH	1-nonadecanethiol	IV/20b 3.2:511
15029	C ₁₉ H ₄₂ BrN 364.46 57-09-0		N-cetyl-N,N,N-trimethylammonium bromide; CTAB; N-hexadecyl-N,N,N-trimethylammonium bromide; palmityltrimethylammonium bromide	IV/8a 3.5.9,p.377
15030	C ₁₉ H ₄₂ BrN 364.46 7322-37-4		butyltris(3-methylbutyl)ammonium bromide	IV/8a 3.5.9,p.377
15031	C ₁₉ H ₄₂ ClN 320.01 112-02-7		cetyltrimethylammonium chloride; 1-hexadecylammonium, N,N,N-trimethyl-, chloride; palmityltrimethylammonium chloride	IV/8a 3.5.9,p.377
15032	C ₁₉ H ₄₂ O ₃ Si 346.63 18678-74-5		tris(1-hexoxy)methylsilane; tris-hexyloxy-methyl-silane	III/38a 2.1.5:746; IV/6 2.1.3:1822
15033	C ₂₀ F ₄₂ 1038.16 37589-57-4	C ₂₀ F ₄₂	dotetracontafluoroicosane; icosane, dotetracontafluoro-; perfluoroicosane	IV/8a 3.5.9,p.377
15034	C ₂₀ H ₁₀ N ₄ 306.33 740-98-7	 see also: 8295(S)	naphthalene-1,2,4,5-tetracyanobenzene; naphthalene, compd. with 1,2,4,5-benzenetetracarbonitrile (1:1)	IV/8a 3.5.9,p.378
15035	C ₂₀ H ₁₂ 252.32 207-08-9		11,12-benzofluoranthene; 8,9-benzofluoranthene; 2,3,1',8'-binaphthylene	IV/20a 2.5:1293
15036	C ₂₀ H ₁₂ 252.32 192-97-2		benzo[e]pyrene; 1,2-benzopyrene; 4,5-benzopyrene; 1,2-benzpyrene; 4,5-benzpyrene	IV/8a 3.5.9,p.378; IV/20a 2.5:1295
15037	C ₂₀ H ₁₂ 252.32 198-55-0		dibenz[de,kl]anthracene; peri-dinaphthalene; perylene	IV/8a 3.5.9,p.378; IV/8f 5.3.2:1211; IV/20a 2.5:1296
15038	C ₂₀ H ₁₂ 252.32 50-32-8		benzo[a]pyrene; benzo(d,e,f)chrysene; 6,7-benzopyrene; 3,4-benzpyrene	IV/8a 3.5.9,p.378; IV/8f 5.3.2:1210; IV/20a 2.5:1294

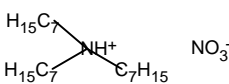
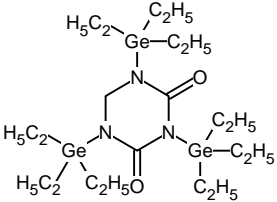
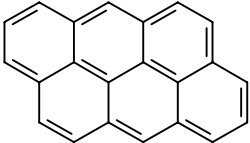
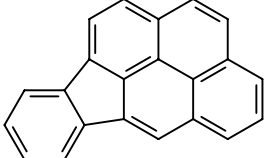
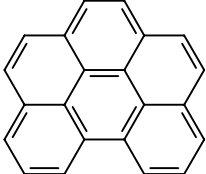
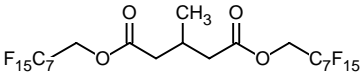
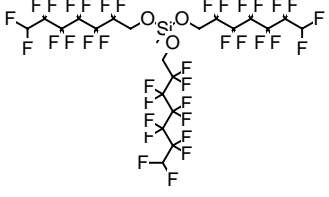
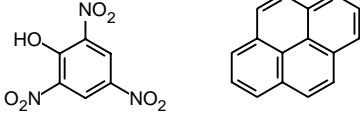
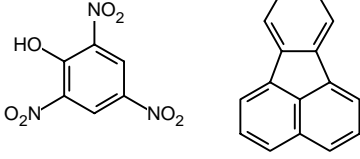
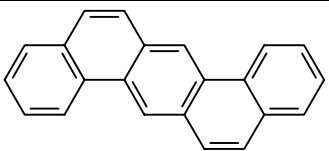
15039	C ₂₀ H ₁₂ F ₁₂ O ₃ 528.30 810-51-5		(1H,1H,7H-dodecafluoroheptyl) 2-phenoxybenzoate	IV/6 2.1.3:1823
15040	C ₂₀ H ₁₃ N ₃ O ₇ 407.34 17356-97-7		phenanthrene, compd. with 2,4,6-trinitrophenol (1:1)	IV/8a 3.5.9,p.378
15041	C ₂₀ H ₁₃ N ₃ O ₇ 407.34 17356-96-6	 see also: 3842(S), 12503(S)	anthracene, compd. with 2,4,6-trinitrophenol (1:1)	IV/8a 3.5.9,p.378
15042	C ₂₀ H ₁₄ 254.34 604-53-5		1,1'-binaphthyl; α,α'-binaphthyl	IV/8f 6:1324
15043	C ₂₀ H ₁₄ 254.34 612-78-2		2,2'-binaphthyl; β,β'-binaphthyl	IV/8a 3.5.9,p.378
15044	C ₂₀ H ₁₄ 254.34 602-55-1		anthracene, 9-phenyl-; 9-phenylanthracene	IV/8a 3.5.9,p.378; IV/20a 2.5:1297
15045	C ₂₀ H ₁₄ 254.34 477-75-8		9,10-ortho-benzeno-9,10-dihydroanthracene; tribenzobicyclo[2.2.2]octatriene; triptycene; tryptycene	IV/8a 3.5.9,p.379
15046	C ₂₀ H ₁₄ F ₈ O ₄ 470.32 361-88-6		di(1H,1H,3H-tetrafluoropropyl) 2,2'-biphenyldicarboxylate	IV/6 2.1.3:1824
15047	C ₂₀ H ₁₄ F ₂₄ O ₄ 774.29 424-17-9		di(1H,1H,7H-dodecafluoroheptyl) 3-methylglutarate	III/38b 2.1:8201; IV/6 2.1.3:1825
15048	C ₂₀ H ₁₄ O ₄ 318.33 92341-23-6		4,4'-(1,3-butadiyne-1,4-diyl)bisphenol diacetate; 4,4'-diethanoyloxydiphenyldiacetylene	IV/7b 3.11:35; IV/8a 3.5.9,p.379
15049	C ₂₀ H ₁₄ O ₄ 318.33 77-09-8		2-bis(4-hydroxyphenyl)methylbenzoic acid; 3,3-bis(4-hydroxyphenyl)phthalide; euchessina; 1(3H)-isobenzofuranone, 3,3-bis(4-hydroxyphenyl)-; phenolphthalein; phthalimetten; phthalin; purgen; purgophen; spulmako-lax	IV/8a 3.5.9,p.379

15050	C ₂₀ H ₁₅ ClO ₂ 322.79		benzoic acid 4-(2-chlorophenylmethyl)-phenyl ester	IV/16 2.1.7:2579
15051	C ₂₀ H ₁₅ N ₃ O ₆ 393.36 114829-52-6	 see also: 5074(S), 11902(S)	fluorene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.379
15052	C ₂₀ H ₁₆ 256.35 58-72-0		triphenylethene; triphenylethylene	III/38b 2.1:8202; IV/8f 2.5:298; IV/20a 2.5:1305
15053	C ₂₀ H ₁₆ 256.35 3697-27-6		chrysene, 5,6-dimethyl-; 5,6-dimethylchrysene	IV/20a 2.5:1300
15054	C ₂₀ H ₁₆ 256.35 58429-99-5		benz[a]anthracene, 9,10-dimethyl-; 9,10-dimethylbenz[a]anthracene	IV/20a 2.5:1299
15055	C ₂₀ H ₁₆ 256.35 57-97-6		9,10-dimethyl-1,2-benzanthracene; 7,12-dimethylbenz[a]anthracene; 7,12-dimethylbenzanthracene; 7,12-dimethylbenzo[a]anthracene	IV/20a 2.5:1298
15056	C ₂₀ H ₁₈ 258.37 3029-40-1		1,8-diphenyl-1,3,5,7-octatetraene	IV/8f 2.5:299
15057	C ₂₀ H ₁₈ 258.37 15180-20-8		1,3-bis(phenylmethyl)benzene; 1,3-dibenzylbenzene; <i>m</i> -xylene, α, α' -diphenyl-	IV/8f 2.4.2:223
15058	C ₂₀ H ₁₈ 258.37 603-26-9		benzene, 1-(diphenylmethyl)-3-methyl-; 1-(diphenylmethyl)-3-methylbenzene; methane, diphenyl- <i>m</i> -tolyl-	IV/8f 2.4.2:224
15059	C ₂₀ H ₁₈ F ₂₄ O ₂ 746.33 559-20-6		1,6-bis-(1H,1H,7H-dodecafluoroheptyloxy)-hexane; di(1H,1H,7H-dodecafluoroheptoxy) hexane	III/38b 2.1:8203; IV/6 2.1.3:1826

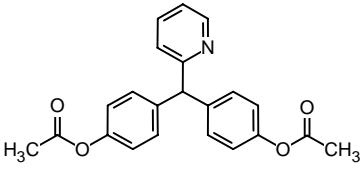
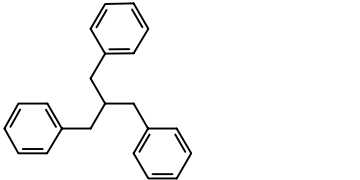
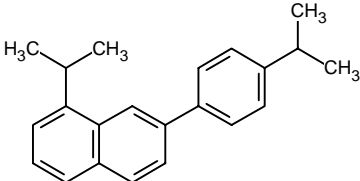
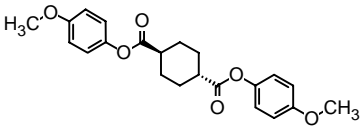
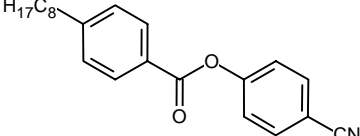
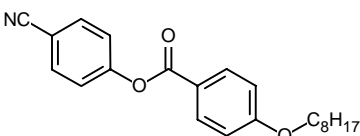
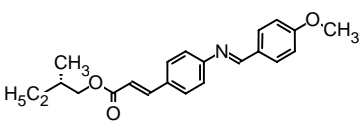
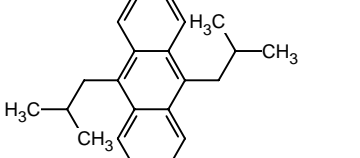
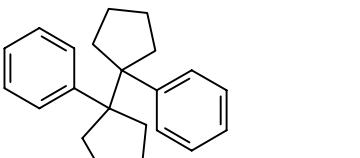
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15266	C ₂₀ H ₄₄ Sn 403.26 1112-56-7		tetrapentyl-stannane	IV/16 2.1.2:166
15267	C ₂₀ H ₄₆ Br ₂ N ₂ 474.42 51523-40-1		1,8-bis(triethylammonium)octane dibromide; 1,8-octanediammonium, N,N,N,N',N',N'-hexaethyl-, dibromide	IV/8a 3.5.9,p.386
15268	C ₂₀ H ₄₆ Cl ₂ CuN ₂ 449.05 74540-99-1		dichlorobis(1-decanamine)copper	IV/8a 3.5.9,p.386
15269	C ₂₀ H ₄₆ Cl ₂ N ₂ Zn 450.88 65295-12-7		dichlorobis(1-decanamine)zinc; zinc, dichlorobis(1-decanamine)-	IV/8a 3.5.9,p.386
15270	C ₂₀ H ₄₆ OSi ₂ 358.76 18642-94-9		1,1,3,3-tetramethyl-1,3-dioctyl-disiloxane	IV/16 2.1.5:262
15271	C ₂₀ H ₄₇ NSi ₂ 357.78 69519-51-3		1,1,3,3-tetramethyl-1,3-dioctyl-disilazane	IV/16 2.1.5:263
15272	C ₂₀ H ₄₈ Cl ₄ CoN ₂ 517.36 56104-89-3		1-decanamine (T-4)-tetrachlorocobaltate(2-) (2:1); tetrachlorobis(decylammonium)cobalt II	IV/8a 3.5.9,p.386
15273	C ₂₀ H ₄₈ Cl ₄ MnN ₂ 513.37 58675-50-6		tetrachlorobis(decylammonium) manganese II	IV/8a 3.5.9,p.387
15274	C ₂₀ H ₅₀ O ₃ Si ₄ 450.96 2031-77-8		decaethyl-tetrasiloxane	IV/16 2.1.5:264
15275	C ₂₀ H ₆₀ O ₈ Si ₉ 681.47 2652-13-3		eicosamethyl-nonasiloxane	III/38a 2.1.5:749; IV/6 2.1.3:1843; IV/16 2.1.5:265
15276	C ₂₁ H ₁₄ F ₂₄ O ₆ 818.30 376-85-2		propane-1,2,3-tricarboxylic acid tris- (1H,1H,5H-octafluor-pentyl ester); tri(1H,1H,5H-octafluoropentyl) tricarballyate	III/38b 2.1:8269; IV/6 2.1.3:1844

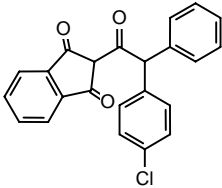
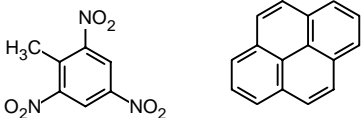
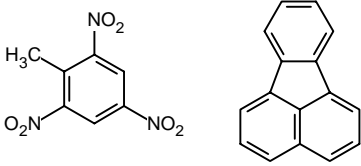
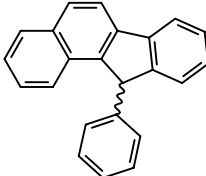
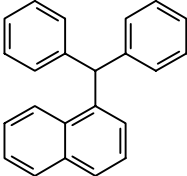
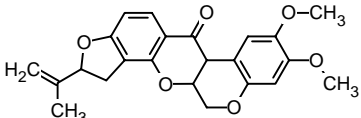
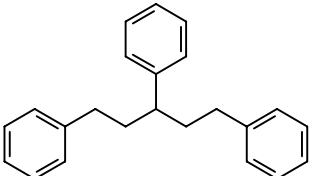
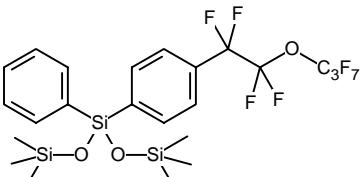
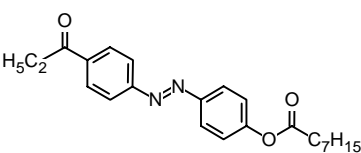
15277	C ₂₁ H ₁₄ N ₂ O ₄ 358.36 13676-54-5		bis(4-(N-maleicimido)phenyl)methane; 4,4'-diphenylmethanebismaleimide; 1,1'-(methylenebis(4-maleimidobenzene)); 1,1'-(methylenedi-1,4-phenylene)bis-1H-pyrrole-2,5-dione; bismaleimide S; 4,4'-methylenedianiline bismaleimide	IV/8a 3.5.9,p.387
15278	C ₂₁ H ₁₅ N ₃ O ₆ 405.37 29506-24-9	 see also: 5074(S), 12503(S)	anthracene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.387
15279	C ₂₁ H ₁₅ N ₃ O ₆ 405.37 66516-46-9	 see also: 5074(S), 12502(S)	phenanthrene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.387
15280	C ₂₁ H ₁₅ N ₃ O ₇ 421.37 7476-02-0	 see also: 3842(S), 13150(S)	anthracene, 9-methyl-, compd. with 2,4,6-trinitrophenol(1:1); 9-methylanthracene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.9,p.387
15281	C ₂₁ H ₁₆ 268.36 611-48-3		1,2'-dinaphthylmethane; methane, 1-naphthyl-2-naphthyl-; 1-(2-naphthylmethyl)naphthalene	IV/8a 3.5.9,p.387
15282	C ₂₁ H ₁₆ 268.36 607-50-1		bis(1-naphthyl)methane; Di-1-naphthylmethane; naphthalene, 1,1'-methylenebis-	IV/8f 6:1328
15283	C ₂₁ H ₁₆ 268.36		1,2-benzo-5,6-cyclopentanoanthracene	IV/8f 5.2.4:1058
15284	C ₂₁ H ₁₆ 268.36 56-49-5		benz[j]aceanthrylene, 1,2-dihydro-3-methyl-; 1,2-dihydro-3-methylbenz[j]aceanthrylene; 20-methylcholanthrene; 3-methylcholanthrene	IV/20a 2.5:1333
15285	C ₂₁ H ₁₈ 270.38 3677-70-1		benzene, 1,1',1''-(1-methyl-1-ethenyl-2-ylidene)tris-; methyltriphenylethene; 1,1,2-triphenylpropene	IV/8f 2.5:302

15286	C ₂₁ H ₂₀ 272.39		1,2,3-triphenylpropane	IV/8f 2.4.2:231
15287	C ₂₁ H ₂₀ O 288.39 4732-03-0		3-methyl-2,6-dibenzyl-phenol	IV/16 2.1.7:2595
15288	C ₂₁ H ₂₀ O 288.39 6627-39-0		4-methyl-2,6-dibenzyl-phenol	IV/16 2.1.7:2596
15289	C ₂₁ H ₂₀ O 288.39 30090-90-5		2-methyl-4,6-dibenzyl-phenol	IV/16 2.1.7:2594
15290	C ₂₁ H ₂₁ BO ₃ 332.21 2467-18-7		boric acid tribenzyl ester	IV/16 2.1.4:190
15291	C ₂₁ H ₂₁ BO ₃ 332.21 2665-12-5		boric acid tris(2-methylphenyl) ester	IV/16 2.1.4:191
15292	C ₂₁ H ₂₁ N 287.41 620-40-6		tribenzyl-amine	IV/16 2.1.7:2597
15293	C ₂₁ H ₂₁ O ₃ P 352.37 620-42-8		tri- <i>p</i> -tolyl phosphite	III/38a 2.1.6:885

15413	C ₂₁ H ₄₆ N ₂ O ₃ 374.61 5187-77-9		ammonium, triheptyl-, nitrate; triheptylammonium nitrate	IV/8a 3.5.10,p.419
15414	C ₂₁ H ₄₇ Ge ₃ N ₃ O ₂ 591.40 127072-63-3		1,3,5-tris(triethylgermyl)-2,4-dioxohexahydro-1,3,5-triazine	III/38a 2.1.2:179
15415	C ₂₂ H ₁₂ 276.34 191-26-4		anthanthrene; dibenzo[cd, jk]pyrene; dibenzo[def, mno]chrysene; dibenzochrysene, (anthanthrene)	IV/8f 5.3.2:1226; IV/20a 2.5:1351
15416	C ₂₂ H ₁₂ 276.34 193-39-5		indeno[1,2,3-cd]pyrene; o-phenylenepyrene	IV/8a 3.5.9,p.392
15417	C ₂₂ H ₁₂ 276.34 191-24-2		benzo[ghi]perylene; benzo[ghl]perylene; 1,12-benzoperylene	IV/8a 3.5.9,p.392; IV/8f 5.3.2:1225; IV/20a 2.5:1350
15418	C ₂₂ H ₁₂ F ₃₀ O ₄ 910.29 647-39-2		di(1H,1H-pentadecafluorooctyl) 3-methylglutarate	III/38b 2.1:8319; IV/6 2.1.3:1856
15419	C ₂₂ H ₁₂ F ₃₆ O ₃ Si 1036.37 67900-55-4		methyl-tris(1H,1H,7H-dodecafluoroheptyloxy)-silane	IV/16 2.1.5:267
15420	C ₂₂ H ₁₃ N ₃ O ₇ 431.36 6164-85-8		pyrene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.9,p.392
15421	C ₂₂ H ₁₃ N ₃ O ₇ 431.36 55671-71-1	 see also: 3842(S), 13622(S)	fluoranthene, compd. with 2,4,6-trinitrophenol(1:1)	IV/8a 3.5.9,p.392
15422	C ₂₂ H ₁₄ 278.36 53-70-3		1,2:5,6-benzanthracene; dibenzo[a, h]anthracene; 1,2:5,6-dibenzoanthracene	IV/8a 3.5.9,p.393; IV/8f 5.3.2:1227; IV/20a 2.5:1354

15423	C ₂₂ H ₁₄ 278.36 215-58-7		benzo[b]triphenylene; 2,3-benzotriphenylene; dibenzo[a, c]anthracene; 1,2:3,4-dibenzoanthracene; naphtho-2',3':9,10-phenanthrene	IV/8a 3.5.9,p.393; IV/20a 2.5:1353
15424	C ₂₂ H ₁₄ 278.36 213-46-7		3,4-benzchrysene; benzo[a]chrysene; dibenzo[a, i]phenanthrene; 1,2:7,8-dibenzophenanthrene; picene	IV/8a 3.5.9,p.392; IV/20a 2.5:1356
15425	C ₂₂ H ₁₄ 278.36 135-48-8		benzo[b]naphthacene; 2,3:6,7- dibenzanthracene; lin-dibenzanthracene; lin-naphthoanthracene; pentacene	IV/8f 5.3.2:1228; IV/20a 2.5:1355
15426	C ₂₂ H ₁₄ 278.36 214-17-5		benzo[b]chrysene, 1,2:6,7- dibenzophenanthrene; benzo[c]tetraphene; 2,3-benzochrysene; 3,4-benzotetracene; naphth[2,1-a]anthracene	IV/20a 2.5:1352
15427	C ₂₂ H ₁₄ O ₄ 342.35 3363-97-1		1,4-bis(phenylglyoxalyl)benzene; 1,4-bis(phenylglyoxyloyl)benzene; bisbenzil; 2,2'-diphenyl-1,1'-(1,4- phenylene)diethanedione; glyoxal, <i>p</i> -phenylenebis[phenyl-]; <i>p</i> -(phenylglyoxyloyl)benzil	IV/8a 3.5.9,p.393
15428	C ₂₂ H ₁₇ NO ₄ 359.39 36245-88-2		1H-xantheno[2,1,9-def]isoquinoline- 1,3(2H)-dione, 2-(3-methoxypropyl)-	IV/20b 3.2:515
15429	C ₂₂ H ₁₇ N ₃ O ₆ 419.40 114829-53-7	 see also: 5074(S), 13150(S)	anthracene, 9-methyl-, compd. with 2- methyl-1,3,5-trinitrobenzene(1:1); 9-methylantracene, compd. with 2-methyl- 1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.9,p.393
15430	C ₂₂ H ₁₈ O ₄ 346.39 92341-24-7		4,4'-(1,3-butadiyne-1,4-diyl)bisphenol dipropanoate; 4,4'-dipropanoyloxydiphenyl diacetylene; propanoic acid, 1,2-butadiyne- 1,4-diyl-1,4-, phenylene ester	IV/7b 3.11:36; IV/8a 3.5.9,p.393
15431	C ₂₂ H ₁₈ O ₆ 378.39 134917-35-4		bis(4-methoxyphenyl)1,3- benzenedicarboxylate; bis(4-methoxyphenyl) isophthalate	IV/7e 6.214:4; IV/8a 3.5.9,p.393
15432	C ₂₂ H ₁₉ Br ₂ NO ₃ 505.22 52918-63-5		(S)- α -cyano-3-phenoxybenzyl (1R)- <i>cis</i> -3- (2,2-dibromovinyl)-2,2-dimethyl cyclopropanecarboxylate; decamethrin; deltamethrin; 3-(2,2-dibromo ethenyl)-2,2- dimethylpropanecarboxylate ester	IV/8a 3.5.9,p.393

15433	C ₂₂ H ₁₉ NO ₄ 361.40 603-50-9		bicosacodyl; dulcolan; fenilaxan; laxadin; bis(<i>p</i> -acetoxyphenyl)-2-pyridylmethane; laxans; laxine; laxorex; nigalax; perilax; 4,4'-(2-pyridylmethylene)diphenol diacetate; sanvacual	IV/8a 3.5.9,p.394
15434	C ₂₂ H ₂₂ 286.42 4742-04-5		benzene, 1,1'-[2-(phenylmethyl)-1,3-propanediyl]bis-; propane, 2-benzyl-1,3-diphenyl-; tribenzylmethane	IV/20a 2.5:1357
15435	C ₂₂ H ₂₄ 288.44		2-[4-(1-methylethyl)phenyl]-8-(1-methylethyl)naphthalene	IV/8f 5.4:1297
15436	C ₂₂ H ₂₄ O ₆ 384.43 26379-55-5		Di(4-methoxyphenyl) <i>trans</i> -cyclohexane-1,4-dicarboxylate	IV/7e 6.387:53; IV/8a 3.5.9,p.394
15437	C ₂₂ H ₂₅ NO ₂ 335.45 50793-86-7		4-octylbenzoic acid 4-cyano-phenyl ester	IV/7b 3.39:330; IV/16 2.1.7:2605
15438	C ₂₂ H ₂₅ NO ₃ 351.45 50793-89-0		4-(octyloxy)benzoic acid 4-cyano-phenyl ester	IV/7b 3.39:338; IV/16 2.1.7:2606
15439	C ₂₂ H ₂₅ NO ₃ 351.45 24140-30-5		(S)-(+)-2-methylbutyl 3-[4-[(4-methoxyphenyl)methylene]amino]phenyl-2-propenoate; (+)-2-methylbutyl <i>p</i> -((<i>p</i> -methoxybenzylidene)amino) cinnamate	IV/8a 3.5.9,p.394
15440	C ₂₂ H ₂₆ 290.45 66326-09-8		9,10-bis(2-methylpropyl)anthracene; 9,10-diisobutylanthracene	IV/8f 5.3.2:1229
15441	C ₂₂ H ₂₆ 290.45 59358-70-2		1,1'-[1,1'-bicyclopentyl]-1,1'-diylbisbenzene; 1,1'-diphenyl-1,1'-bicyclopentyl	IV/8a 3.5.9,p.394

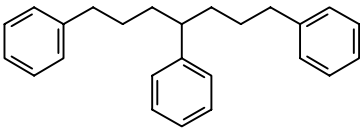
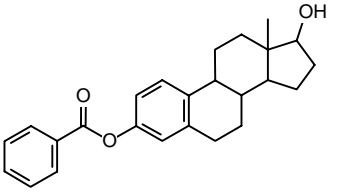
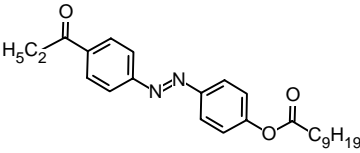
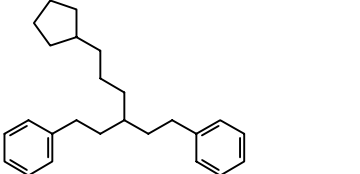
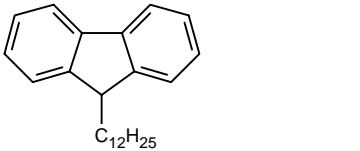
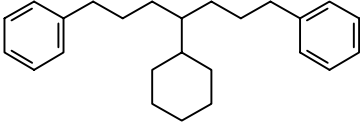
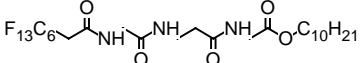
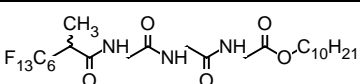
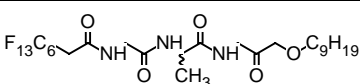
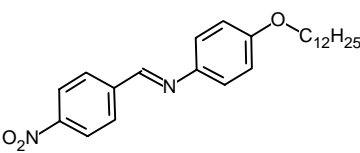
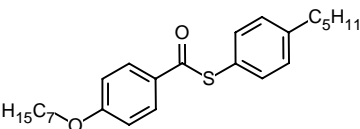
15574	C ₂₃ H ₁₅ ClO ₃ 374.83 3691-35-8		chlorophacinone; 2-[(p-chlorophenyl)phenyl acetyl]-1,3-indandione; 2-[(4-chlorophenyl) phenylacetyl]-1H-indene-1,3(2H)-dione	IV/8a 3.5.10,p.403
15575	C ₂₃ H ₁₅ N ₃ O ₆ 429.39 33611-60-8		pyrene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.10,p.403
15576	C ₂₃ H ₁₅ N ₃ O ₆ 429.39 70764-25-9	 see also: 5074(S), 13622(S)	fluoranthene, compd. with 2-methyl-1,3,5-trinitrobenzene(1:1)	IV/8a 3.5.10,p.403
15577	C ₂₃ H ₁₆ 292.38 104601-29-8		1,2-benzo-9-phenylfluorene; 11-phenyl-11H-benzo[a]-fluorene	IV/8f 5.4:1298
15578	C ₂₃ H ₁₈ 294.40		1-benzhydrylnaphthalene; naphthalene, 1-benzhydryl	IV/8f 5.4:1299
15579	C ₂₃ H ₂₂ O ₆ 394.43 83-79-4		rotenone; 1,2,12,12a-tetrahydro-8,9-dimethoxy-2-(1-methylethenyl)-[1]benzopyrano[3,4-b]furo[2,3-h][1]benzopyran-6(6aH)-one	IV/8a 3.5.10,p.403
15580	C ₂₃ H ₂₄ 300.45 1520-41-8		benzene, 1,1',1''-(1,3,5-pentanetriyl)tris-; pentane, 1,3,5-triphenyl-; 1,3,5-triphenylpentane	IV/8f 2.4.2:237
15581	C ₂₃ H ₂₇ F ₁₁ O ₃ Si ₃ 644.71 150391-94-9		3-[1-(heptafluoropropoxy)-1,1,2,2-tetrafluoro-ethyl]-phenyl-1,1,1,5,5,5-hexamethyl-3-phenyl-trisiloxane	IV/16 2.1.5:273
15582	C ₂₃ H ₂₈ N ₂ O ₃ 380.49 76204-64-3		4-[[4-(1-oxopropyl)phenyl]azo]phenyl octanoate; 4-propionyl-4'-octanoyloxyazobenzene	IV/7b 3.51:652; IV/8a 3.5.10,p.403

15583	C ₂₃ H ₂₈ O ₅ 384.48 65148-53-0		benzoic acid, 4-(heptyloxy)-, 3-hydroxy-4-(1-oxopropyl)phenyl ester; 3-hydroxy-4-propionylphenyl 4'-heptyloxybenzoate	IV/7b 3.203:6; IV/8a 3.5.10,p.403
15584	C ₂₃ H ₂₉ N 319.49 59454-35-2		10CB; 1,1'-biphenyl-, 4-carbonitrile-, 4'-decyl-; 4-decyl-4'-cyano-1,1'-biphenyl	IV/7a 2.1:376; IV/8a 3.5.10,p.404
15585	C ₂₃ H ₃₀ N ₂ O ₃ 382.51 76515-71-4		4-(decyloxy)-N-[(4-nitrophenyl)methylene]benzenamine	IV/7b 3.46:248; IV/8a 3.5.10,p.404
15586	C ₂₃ H ₃₀ O ₂ 338.49 35135-46-7		4-methoxy-4'-octoxy- <i>trans</i> -stilbene; <i>trans</i> -1-(4-methoxyphenyl)-2-(4-octyloxyphenyl)ethene	IV/7b 3.7:125; IV/8a 3.5.10,p.404
15587	C ₂₃ H ₃₀ O ₂ Si ₃ 422.75 80-14-8		1,1,3,5,5-pentamethyl-1,3,5-triphenyl-trisiloxane	III/38a 2.1.5:754
15588	C ₂₃ H ₃₀ O ₂ Si ₃ 422.75 67102-99-2		1,1,1,3,5-pentamethyl-3,5,5-triphenyl-trisiloxane	IV/16 2.1.5:274
15589	C ₂₃ H ₃₁ NO 337.51 29743-11-1		N-butyl-N-[(4-hexyloxyphenyl)methylene]benzenamine; N- <i>p</i> -hexyloxybenzylidene- <i>p</i> '-butylaniline	IV/7b 3.46:617; IV/8a 3.5.10,p.404
15590	C ₂₃ H ₃₁ NO ₂ 353.51 14921-51-8		4-butoxy-N-[(4-hexyloxyphenyl)methylene]benzenamine	IV/7b 3.46:771; IV/8a 3.5.10,p.404
15591	C ₂₃ H ₃₁ NO ₂ 353.51 14921-40-5		N-[(4-(heptyloxy)phenyl)methylene]-4-propoxybenzenamine	IV/7b 3.46:759; IV/8a 3.5.10,p.406
15592	C ₂₃ H ₃₁ NO ₂ 353.51 70262-80-5		4-ethoxy-N-[(4-(octyloxy)phenyl)methylene]benzenamine	IV/7b 3.46:749; IV/8a 3.5.10,p.405
15593	C ₂₃ H ₃₁ NO ₂ 353.51 104945-39-3		(<i>E</i>)-N-[(4-butoxyphenyl)methylene]-4-(hexyloxy)benzenamine	IV/7b 3.46:795; IV/8a 3.5.10,p.405

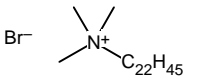
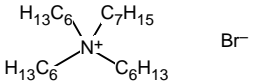
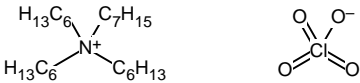
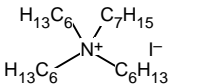
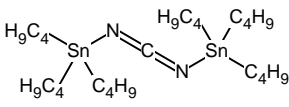
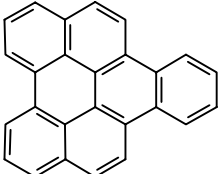
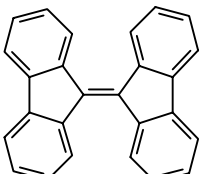
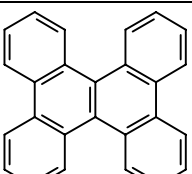
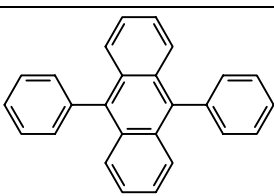
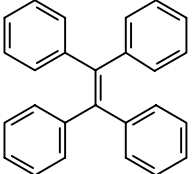
15664	C ₂₃ H ₄₈ O ₂ 356.64 95491-57-9		1-octadecyloxy-2-propoxy-ethane	III/38b 2.1:8380
15665	C ₂₃ H ₄₈ O ₂ 356.64 95491-56-8		1-hexadecyloxy-4-propoxy-butane	III/38b 2.1:8377
15666	C ₂₃ H ₄₈ O ₂ 356.64 29506-18-1		3-eicosyloxy-propan-1-ol	III/38b 2.1:8376
15667	C ₂₃ H ₄₈ O ₂ 356.64 102542-78-9		1-(3-decyloxy-propoxy)-decane	III/38b 2.1:8375
15668	C ₂₃ H ₄₈ O ₂ 356.64 102542-77-8		1,5-bis-nonyloxy-pentane	III/38b 2.1:8379
15669	C ₂₃ H ₄₈ O ₂ 356.64 821-18-1		1-(1-butoxy-ethoxy)-heptadecane	III/38b 2.1:8374
15670	C ₂₃ H ₄₈ O ₂ 356.64 820-46-2		1-(1-nonyloxy-ethoxy)-dodecane	III/38b 2.1:8378
15671	C ₂₃ H ₄₈ O ₂ 356.64 24543-86-0		eicosanoxypropanol; eicosyloxy-propan-1-ol	IV/6 2.1.3:1877
15672	C ₂₃ H ₄₈ O ₄ 388.64 95491-66-0		1-(2-[2-(2-propoxy-ethoxy)-ethoxy]-ethoxy)- tetradecane	III/38b 2.1:8383
15673	C ₂₃ H ₄₈ O ₄ 388.64 37588-15-1		dimethoxy-didecyloxy-methane; dimethoxydi-1-decaoxy methane	IV/6 2.1.3:1878
15674	C ₂₃ H ₄₈ O ₄ 388.64 56256-55-4		3-(2-butoxy-hexadecyloxy)-propane-1,2- diol	III/38b 2.1:8381
15675	C ₂₃ H ₄₈ O ₄ 388.64 56256-56-5		3-(2-isobutoxy-hexadecyloxy)-propane-1,2- diol	III/38b 2.1:8382
15676	C ₂₃ H ₄₈ S 356.70 66375-01-7		1-tricosanethiol	IV/20b 3.2:519
15677	C ₂₄ F ₅₀ 1238.19 1766-41-2	C ₂₄ F ₅₀	pentacosylfluorotetracosane; perfluorotetracosane; tetracosane, pentacosylfluoro-	IV/8a 3.5.10,p.407
15678	C ₂₄ H ₁₂ 300.36 191-07-1		coronene; dibenzo[ghi,pqr]perylene	IV/8a 3.5.10,p.407; IV/8f 5.3.2:1237; IV/20a 2.5:1383

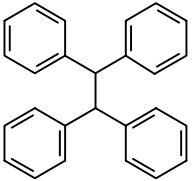
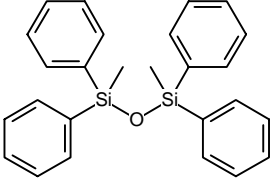
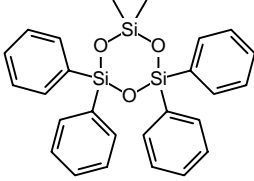
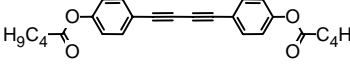
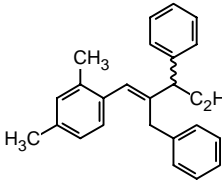
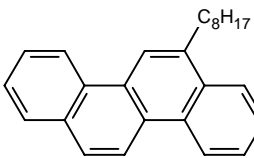
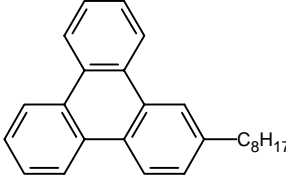
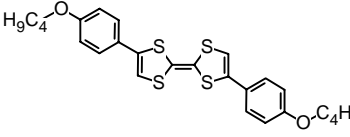
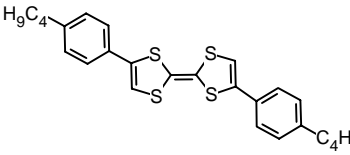
15679	C ₂₄ H ₁₂ F ₂₄ O ₆ 852.32		tri(1H,1H,5H-octafluoropentyl) hemimellate	IV/6 2.1.3:1879
15680	C ₂₄ H ₁₄ 302.38 189-55-9		benzo[rs]pentaphene; dibenzo[a,i]pyrene; 3,4:9,10-dibenzopyrene	IV/8a 3.5.10,p.407
15681	C ₂₄ H ₁₄ 302.38 191-30-0		dibenzo[a,l]pyrene; dibenzo[def,p]chrysene; 1,2:3,4-dibenzopyrene	IV/8a 3.5.10,p.407
15682	C ₂₄ H ₁₄ 302.38 192-51-8		dibenzo[fg,op]naphthacene	IV/20a 2.5:1384
15683	C ₂₄ H ₁₄ 302.38 192-65-4		dibenzo[a,e]pyrene; 1,2:4,5-dibenzopyrene; naphtho[1,2,3,4-def]chrysene	IV/8a 3.5.10,p.407; IV/20a 2.5:1385
15684	C ₂₄ H ₁₄ F ₁₆ O ₄ 670.35 438-63-1		di(1H,1H,5H-octafluoropentyl) 2,2'- biphenyldicarboxylate	IV/6 2.1.3:1880
15685	C ₂₄ H ₁₄ F ₂₄ O ₄ 822.34		di(1H,1H,7H-dodecafluoroheptyl) 2- phenylsuccinate	IV/6 2.1.3:1881
15686	C ₂₄ H ₁₅ F ₁₅ Ge ₂ Hg 934.13 40170-59-0		tris-[(pentafluoro-phenyl)-germanium]- (triethyl-germanium)-mercury	III/38a 2.1.2:183
15687	C ₂₄ H ₁₈ 306.41 612-71-5		benzene, 1,3,5-triphenyl-; 1,3,5-triphenylbenzene	IV/8a 3.5.10,p.408; IV/8f 3.4:467; IV/20a 2.5:1386

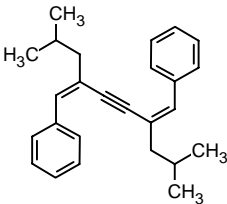
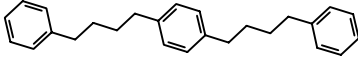
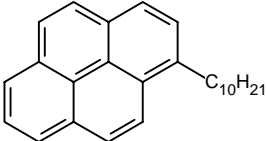
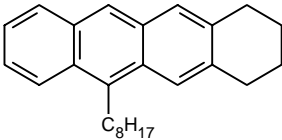
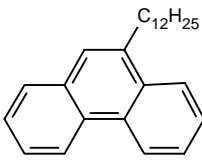
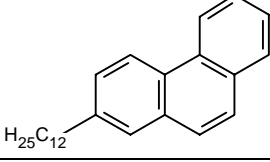
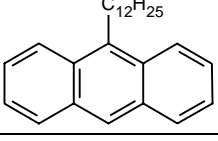
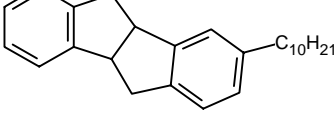
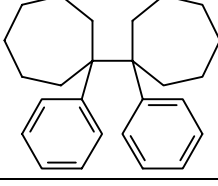
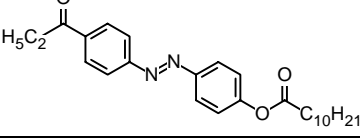
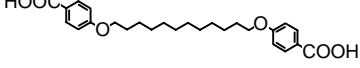
15795	C ₂₄ H ₅₆ Cl ₄ N ₂ Zn 579.91 57947-14-5		bis(dodecylammonium)tetrachlorozincate (II); tetrachlorobis(dodecylammonium) zinc(II)	IV/8a 3.5.10,p.415
15796	C ₂₄ H ₆₀ O ₄ Si ₅ 553.17 2031-78-9		dodecaethyl-pentasiloxane	IV/16 2.1.5:278
15797	C ₂₄ H ₇₂ O ₁₀ Si ₁₁ 829.78 107-53-9		tetracosamethyl undecasiloxane	III/38a 2.1.5:758; IV/6 2.1.3:1891
15798	C ₂₅ H ₁₆ F ₂₄ O ₄ 836.36 642-63-7		di(1H,1H,7H-dodecafluoroheptyl) 2-phenylglutarate	IV/6 2.1.3:1892
15799	C ₂₅ H ₂₀ 320.44 630-76-2		benzene, 1,1',1'',1'''-methanetetrayltetrakis-; 1,1',1'',1'''-methanetetrayltetrakisbenzene; tetraphenylmethane	IV/7f 7.96:1; IV/20a 2.5:1398
15800	C ₂₅ H ₂₀ 320.44		4-(diphenylmethyl)-1,1'-biphenyl	IV/8f 6:1331
15801	C ₂₅ H ₂₀ 320.44 3901-32-4		4,4'-methylenebis(1,1'-biphenyl)	IV/8f 6:1330
15802	C ₂₅ H ₂₄ F ₆ N ₄ 494.49 67485-29-4		amdro; hydramethylnon; tetrahydro-5,5-dimethyl-2(1H)-pyrimidinone	IV/8a 3.5.10,p.416
15803	C ₂₅ H ₂₆ 326.49 55334-57-1		benzene, 1,1'-[3-(2-phenylethylidene)-1,5-pentanediy]bis-; 1,5-diphenyl-3-(2-phenylethyl)-2-pentene; 3-phenethyl-1,5-diphenyl-2-pentene	IV/8f 2.5:304; IV/20a 2.5:1399
15804	C ₂₅ H ₂₈ 328.50 66374-88-7		3-phenethyl-1,5-diphenylpentane; 1,1'-[3-(2-phenylethyl)-1,5-pentanediy]bis-benzene; tris(2-phenylethyl)methane	IV/8f 2.4.2:240; IV/20a 2.5:1400

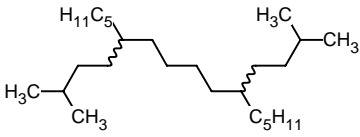
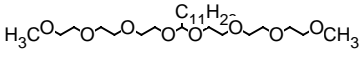
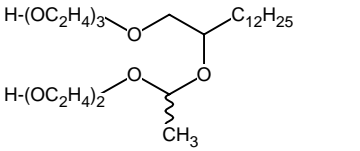
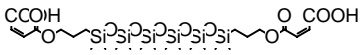
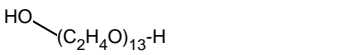

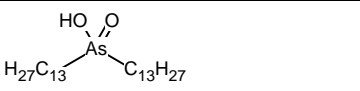
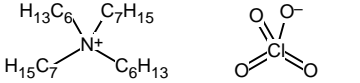
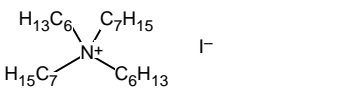
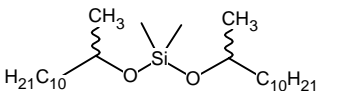
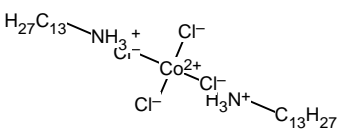
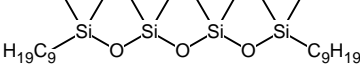
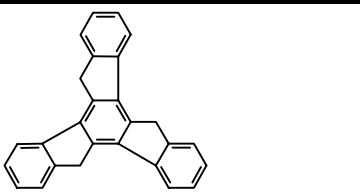
15805	C ₂₅ H ₂₈ 328.50 115915-27-0		heptane, 1,4,7-triphenyl-; 1,4,7-triphenylheptane	IV/8f 2.4.2:239
15806	C ₂₅ H ₂₈ O ₃ 376.50 50-50-0		3-(benzoyloxy)estra-1,3,5(10)-trien-17β-ol; dimenformon benzoate; β-estradiol 3-benzoate; 1,3,5(10)-estratriene-3,17β-diol 3-benzoate	IV/8a 3.5.10,p.416
15807	C ₂₅ H ₃₂ N ₂ O ₃ 408.55 76204-62-1		4-[[4-(1-oxopropyl)phenyl]azo]phenyl decanoate; 4-propionyl-4'-decanoyloxyazobenzene	IV/7b 3.51:660; IV/8a 3.5.10,p.416
15808	C ₂₅ H ₃₄ 334.55		1,5-diphenyl-3-(3- cyclopentylpropyl)pentane	IV/8f 2.3:142
15809	C ₂₅ H ₃₄ 334.55		9-dodecyl-9H-fluorene	IV/8f 5.3.2:1240
15810	C ₂₅ H ₃₄ 334.55		4-cyclohexyl-1,7-diphenylheptane	IV/8f 2.3:141
15811	C ₂₅ H ₃₄ F ₁₃ N ₃ O ₅ 703.55 127880-13-1		(3-[2-(3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluoro-octanoylamino)-acetylamino]- propionylamino)-acetic acid decyl ester	IV/16 2.1.7:2640
15812	C ₂₅ H ₃₄ F ₁₃ N ₃ O ₅ 703.55 127880-15-3		(2-(methyl-[(3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluoro-octanoylamino)-acetyl]- amino)-acetylamino)-acetic acid decyl ester	IV/16 2.1.7:2638
15813	C ₂₅ H ₃₄ F ₁₃ N ₃ O ₅ 703.55 127880-14-2		(2-[2-(3,3,4,4,5,5,6,6,7,7,8,8,8- tridecafluoro-octanoylamino)-acetylamino]- propionylamino)-acetic acid decyl ester	IV/16 2.1.7:2639
15814	C ₂₅ H ₃₄ N ₂ O ₃ 410.56 76515-72-5		4-(dececyloxy)-N-[(4- nitrophenyl)methylene]benzenamine	IV/7b 3.46:249; IV/8a 3.5.10,p.416
15815	C ₂₅ H ₃₄ O ₂ S 398.61 61519-00-4		S-(4-pentylphenyl)4-(heptyloxy)benzene carbothioate; S-(4-n-pentylphenyl) 4-n- heptyloxythiobenzoate; 4-n-pentylphenyl-4'-n- heptyloxythiobenzoate	IV/7b 3.40:139; IV/8a 3.5.10,p.416

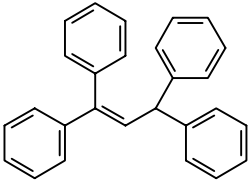
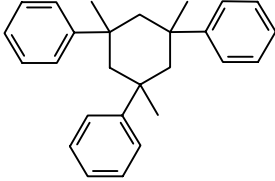
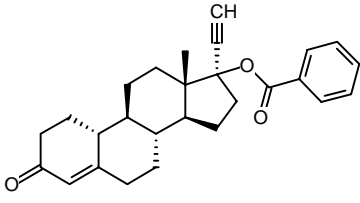
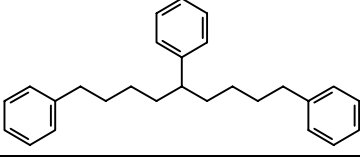
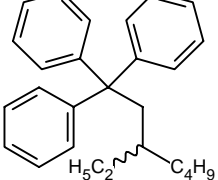
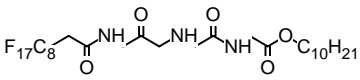
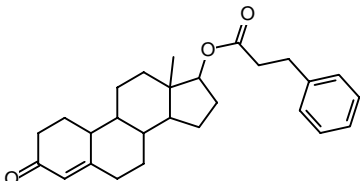
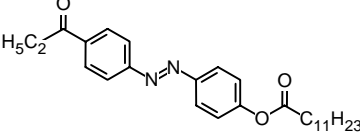
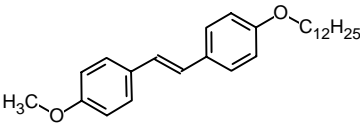
15816	C ₂₅ H ₃₄ O ₃ 382.55 65445-09-2		17-(2,2-dimethyl-1-oxopropoxy)-17 α -19-norpregn-4-en-20-yn-3-one; norethindrone dimethylpropionate	IV/8a 3.5.10,p.416
15817	C ₂₅ H ₃₅ NO ₂ 381.56 104945-37-1		(E)-4-(hexyloxy)-N-[[4-(hexyloxy)phenyl]methylene]benzenamine	IV/7b 3.46:797; IV/8a 3.5.10,p.417
15818	C ₂₅ H ₃₅ NO ₂ 381.56 15012-47-2		4-butoxy-N-[[4-(octyloxy)phenyl]methylene]benzenamine	IV/7b 3.46:773; IV/8a 3.5.10,p.417
15819	C ₂₅ H ₃₆ 336.57 7225-70-9		benzene, 1,1'-(3-octyl-1,5-pentanediyloxy)bis-; 1,1'-(3-octyl-1,5-pentanediyloxy)bis-benzene; 3-phenethyl-1-phenylundecane; 1-phenyl-3-(2-phenethyl)hendecane; 1-phenyl-3-(2-phenylethyl)undecane; undecane, 3-phenethyl-1-phenyl-	III/38b 2.1:8398; IV/8f 2.4.2:242; IV/20a 2.5:1401
15820	C ₂₅ H ₃₆ 336.57		1,7-diphenyl-4-hexylheptane	IV/8f 2.4.2:241
15821	C ₂₅ H ₃₈ 338.58 55191-63-4		1-naphthyl-pentadecane; 1-(1-naphthyl)pentadecane; 1-pentadecylnaphthalene	III/38b 2.1:8399; IV/8f 5.3.2:1241; IV/20a 2.5:1402
15822	C ₂₅ H ₃₉ N ₃ O ₈ 509.61 53848-85-4		benzoic acid, 2,4,6-trinitro-, octadecyl ester; octadecyl 2,4,6-trinitrobenzoate	IV/8a 3.5.10,p.417
15823	C ₂₅ H ₄₀ 340.60		(±)-1-cyclohexyl-6-cyclopentyl-3-phenethylhexane	IV/20a 2.5:1404
15824	C ₂₅ H ₄₀ 340.60 55334-30-0		1-cyclohexyl-6-cyclopentyl-3-(2-phenylethyl)hexane; 1-cyclohexyl-6-cyclopentyl-3-phenethylhexane; 1-cyclohexyl-6-cyclopentyl-3-phenylethylhexane; [3-(2-cyclohexylethyl)-6-cyclopentyl]hexyl]benzene	IV/8f 2.3:143; IV/20a 2.5:1403
15825	C ₂₅ H ₄₀ 340.60 55334-31-1		benzene, [6-cyclopentyl-3-(3-cyclopentylpropyl)hexyl]-; 1,7-dicyclopentyl-4-(2-phenylethyl)heptane; 1,7-dicyclopentyl-4-phenethylheptane	IV/8f 2.3:145; IV/20a 2.5:1405

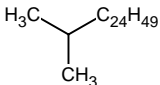
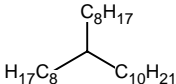
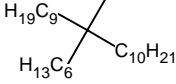
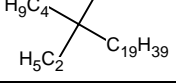
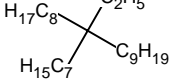
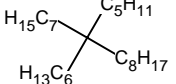
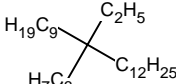
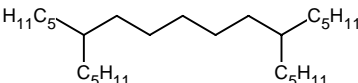
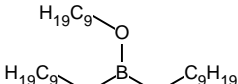
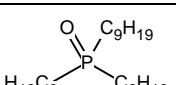
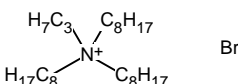
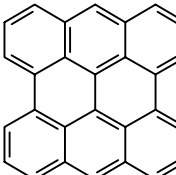
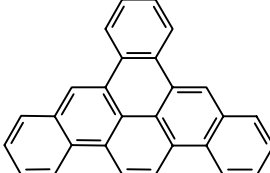
15881	C ₂₅ H ₅₄ BrN 448.63 21396-56-5		behenyltrimethylammonium bromide; docosyltrimethylammonium bromide; N,N,N-trimethyl-1-docosanaminium bromide	IV/8a 3.5.10,p.419
15882	C ₂₅ H ₅₄ BrN 448.63 4328-15-8		ammonium, heptyltriethyl-, bromide; heptyltriethylammonium bromide	IV/8a 3.5.10,p.419
15883	C ₂₅ H ₅₄ ClO ₄ 468.17 5536-16-3		ammonium, heptyltriethyl-, perchlorate; heptyltriethylammonium perchlorate	IV/8a 3.5.10,p.419
15884	C ₂₅ H ₅₄ IN 495.62 4328-14-7		heptyltriethylammonium iodide	IV/8a 3.5.10,p.419
15885	C ₂₅ H ₅₄ N ₂ Sn ₂ 620.10 34885-41-1		N,N'-bis(tributylstannyl)carbodiimide	IV/16 2.1.2:168
15886	C ₂₆ H ₁₄ 326.40 190-84-1		naphtho[1,2,3,4-ghi]perylene; 1,12-phenyleneperylene	IV/8a 3.5.10,p.420
15887	C ₂₆ H ₁₆ 328.42 1530-12-7		9,9'-Bi-9H-fluorene; 9,9'-Bi-9H-fluorenyl; bifluorenyl; bisfluorenyl	IV/8f 6:1332
15888	C ₂₆ H ₁₆ 328.42 191-68-4		dibenzo[a, c]triphenylene; dibenzo[g, p]chrysene; tetrabenzonaphthalene; 1,2,3,4,5,6,7,8-tetrabenzonaphthalene	IV/20a 2.5:1432
15889	C ₂₆ H ₁₈ 330.43 1499-10-1		anthracene, 9,10-diphenyl-; 9,10-diphenylantracene	IV/20a 2.5:1433
15890	C ₂₆ H ₂₀ 332.45 632-51-9		tetraphenylethene; tetraphenylethylene	IV/8f 2.5:305

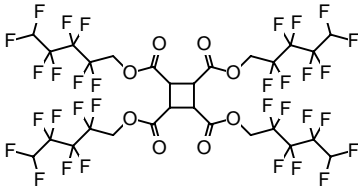
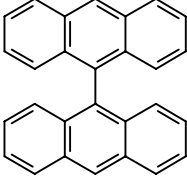
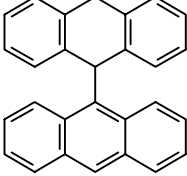
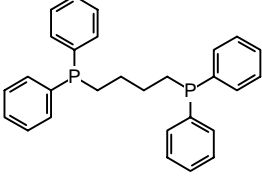
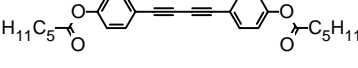
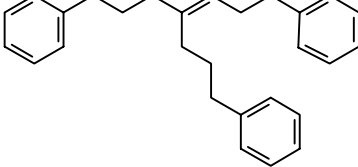
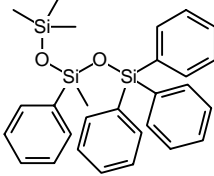
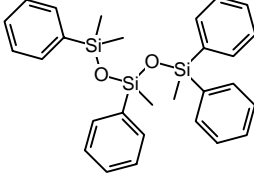
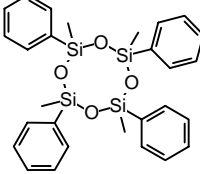
15891	C ₂₆ H ₂₂ 334.46 632-50-8		bibenzhydryl; 1,1',1'',1'''-(1,2-ethanediylidene)tetrakis(benzene); <i>sym</i> -tetraphenylethane; 1,1,2,2-tetraphenylethane; $\alpha,\alpha,\beta,\beta$ -tetraphenylethane	IV/8f 2.4.2:243
15892	C ₂₆ H ₂₆ OSi ₂ 410.67 807-28-3		1,3-dimethyl-1,1,3,3-tetraphenyl-disiloxane	IV/16 2.1.5:279
15893	C ₂₆ H ₂₆ O ₃ Si ₃ 470.75 1438-86-4		2,2-dimethyl-4,4,6,6-tetraphenylcyclotrisiloxane	IV/8a 3.5.10,p.420
15894	C ₂₆ H ₂₆ O ₄ 402.49 71332-83-7		1,3-butadiyne-1,4-diyl-di-1,4-phenylene pentanoate; 4,4'-dipentanoyloxydiphenyldiacetylene	IV/7b 3.11:38; IV/8a 3.5.10,p.420
15895	C ₂₆ H ₂₈ 340.51		2-benzyl-1-(2,4-dimethylphenyl)-3-phenyl-1-pentene; 1-(2,4-dimethylphenyl)-2-(phenylmethyl)-3-phenyl-1-pentene	IV/8f 2.5:307
15896	C ₂₆ H ₂₈ 340.51 56248-66-9		chrysene, 6-octyl-; 6-octylchrysene	IV/8f 5.3.2:1242
15897	C ₂₆ H ₂₈ 340.51		2-octyltriphenylene	IV/8f 5.3.2:1243
15898	C ₂₆ H ₂₈ O ₂ S ₄ 500.77 81094-47-5		4-(4-butoxyphenyl)-2-[4-(4-butoxyphenyl)-1,3-dithiol-2-ylidene]-1,3-dithiole	IV/7c 4.75:9; IV/8a 3.5.10,p.420
15899	C ₂₆ H ₂₈ S ₄ 468.77 75508-64-4		4-(4-butylphenyl)-2-[4-(4-butylphenyl)-1,3-dithiol-2-ylidene]-1,3-dithiole	IV/7c 4.75:5; IV/8a 3.5.10,p.420

15900	C ₂₆ H ₃₀ 342.53		4,7-bis(phenylmethylene)-2,9-dimethyl-5-decyne; 4,7-dibenzylidene-2,9-dimethyl-5-decyne	IV/8f 2.5:306
15901	C ₂₆ H ₃₀ 342.53		benzene, 1,4-bis(4-phenylbutyl); 1,4-bis(4-phenylbutyl)benzene	IV/8f 2.4.2:244
15902	C ₂₆ H ₃₀ 342.53 55682-90-1		1-decylpyrene; pyrene, 1-decyl-	IV/8f 5.3.2:1244
15903	C ₂₆ H ₃₂ 344.55 103042-85-9		6-octyl-1,2,3,4-tetrahydronaphthacene; 1,2,3,4-tetrahydro-6-octylnaphthacene	IV/20a 2.5:1434
15904	C ₂₆ H ₃₄ 346.56 3788-61-2		9-dodecylphenanthrene; phenanthrene, 9-dodecyl-	IV/8f 5.3.2:1247; IV/20a 2.5:1436
15905	C ₂₆ H ₃₄ 346.56 3674-72-4		2-dodecylphenanthrene; phenanthrene, 2-dodecyl-	IV/8f 5.3.2:1246
15906	C ₂₆ H ₃₄ 346.56 2883-70-7		anthracene, 9-dodecyl-; 9-dodecylanthracene	IV/8f 5.3.2:1245; IV/20a 2.5:1435
15907	C ₂₆ H ₃₄ 346.56		2-decyl-4b, 5,9b, 10-tetrahydroindeno(2,1-a)indene	IV/8f 6:1333
15908	C ₂₆ H ₃₄ 346.56 59358-72-4		1,1'-diphenyl-1,1'-bicycloheptyl	IV/8a 3.5.10,p.420
15909	C ₂₆ H ₃₄ N ₂ O ₃ 422.57 76204-61-0		4-[[4-(1-oxopropyl)phenyl]azo]phenyl undecanoate; 4-propionyl-4'-undecanoyloxyazobenzene	IV/7b 3.51:664; IV/8a 3.5.10,p.420
15910	C ₂₆ H ₃₄ O ₆ 442.56 82242-04-4		4,4'-dicarboxy-α, β-diphenoxydodecane; 4,4'-[1,12-dodecanediylbis(oxy)]bis(benzoic acid)	IV/8a 3.5.10,p.421

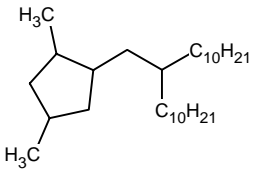
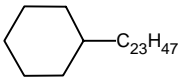
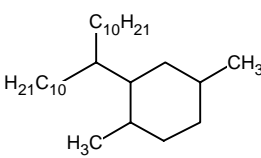
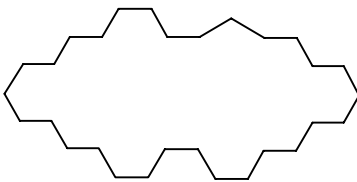
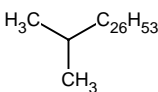
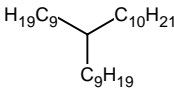
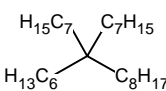
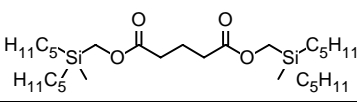
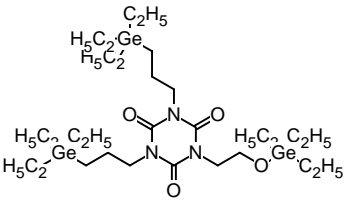
16033	C ₂₆ H ₅₄ 366.72		6,11-Di(3-methylbutyl)hexadecane	IV/8b 2.8:420
16034	C ₂₆ H ₅₄ O ₈ 494.71 41293-67-8		1,1-bis(2-[2-(2-methoxyethoxy)-ethoxy]-ethoxy)-dodecane	IV/16 2.1.7:2653
16035	C ₂₆ H ₅₄ O ₈ 494.71 36460-64-7		2-(2-[2-(1-(2-[2-(2-hydroxyethoxy)-ethoxy]-ethoxy)-tetradecyloxy)-ethoxy]-ethoxy)-ethanol	IV/16 2.1.7:2652
16036	C ₂₆ H ₅₄ O ₁₃ Si ₆ 743.23		Si6 <i>cis</i> -but-2-enedioic acid (dodecamethyl-1,11-hexa-siloxanediyl) di-3,1-propanediyl ester	IV/16 2.1.5:281
16037	C ₂₆ H ₅₄ O ₁₄ 590.71 17598-96-8		tridecaethyleneglycol	III/38b 2.1:8449
16038	C ₂₆ H ₅₄ S 398.78 16331-25-2		1-hexacosanethiol	IV/20b 3.2:522
16039	C ₂₆ H ₅₅ AsO ₂ 474.65 6727-98-6		hydroxyditridecyl arsine oxide	IV/8a 3.5.10,p.423
16040	C ₂₆ H ₅₆ ClNO ₄ 482.19 4312-63-4		ammonium, diheptyldihexyl-, perchlorate; diheptyldihexylammonium perchlorate	IV/8a 3.5.10,p.423
16041	C ₂₆ H ₅₆ IN 509.65 4312-62-3		ammonium, diheptyldihexyl-, iodide; diheptyldihexylammonium iodide	IV/8a 3.5.10,p.423
16042	C ₂₆ H ₅₆ O ₂ Si 428.82 18845-89-1		dimethyl-di-(2-dodecyloxy)-silane	III/38a 2.1.5:759
16043	C ₂₆ H ₆₀ Cl ₄ CoN ₂ 601.53 56104-92-8		tetrachlorobis(tridecylammonium)cobalt(II); 1-tridecanamine (T-4)-tetrachlorocobaltate(2-) (2:1); tridecylammonium tetrachlorocobaltate	IV/8a 3.5.10,p.423
16044	C ₂₆ H ₆₂ O ₃ Si ₄ 535.13 76195-17-0		octamethyl-1,7-dinonyl-tetrasiloxane	IV/16 2.1.5:282
16045	C ₂₇ H ₁₈ 342.45 17509-71-6		14,15-dihydro-9H-tribenzo[a, f, l]trindene; 9H-diindeno[1,2-a:2',1'-c]fluorene, 14,15-dihydro-; isotruxene; β-truxene	IV/8f 6:1335

16046	C ₂₇ H ₂₂ 346.48		1,1,3,3-tetraphenylpropene	IV/8f 2.5:309
16047	C ₂₇ H ₃₀ 354.54		1,3,5-trimethyl-1,3,5-triphenylcyclohexane	IV/8f 3.3:423
16048	C ₂₇ H ₃₀ O ₃ 402.54 71203-39-9		(17α)-17-(benzyloxy)-19-norpregn-4-en-20-yn-3-one; norethindrone benzoate	IV/8a 3.5.10,p.423
16049	C ₂₇ H ₃₂ 356.56		1,5,9-triphenylnonane	IV/8f 2.4.2:248
16050	C ₂₇ H ₃₂ 356.56		3-ethyl-1,1,1-triphenylheptane	IV/8f 2.4.2:247
16051	C ₂₇ H ₃₄ F ₁₇ N ₃ O ₅ 803.56 127880-16-4		(2-(((3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluoro-decanoylamino)-acetyl]-methyl-amino)-acetyl-amino)-acetic acid decyl ester	IV/16 2.1.7:2654
16052	C ₂₇ H ₃₄ O ₃ 406.57 62-90-8		17β-hydroxyestr-4-en-3-one 3-phenylpropionate; 17b-hydroxyestr-4-en-3-one 3-phenylpropionate; nandrolone phenpropionate; (17β)-(1-oxo-3-phenylpropoxy)estr-4-en-3-one	IV/8a 3.5.10,p.424
16053	C ₂₇ H ₃₆ N ₂ O ₃ 436.60 76204-60-9		4-[[4-(1-oxopropyl)phenyl]azo]phenyl dodecanoate; 4-propionyl-4'-dodecanoyloxyazobenzene	IV/7b 3.51:668; IV/8a 3.5.10,p.424
16054	C ₂₇ H ₃₈ O ₂ 394.60 35135-49-0		4-methoxy-4'-dodecoxy- <i>trans</i> -stilbene; <i>trans</i> -1-(4-methoxyphenyl)-2-(4-dodecyloxyphenyl)ethene	IV/7b 3.7:130; IV/8a 3.5.10,p.424

16086	C ₂₇ H ₅₆ 380.75 1561-02-0		hexacosane, 2-methyl-; 2-methylhexacosane	IV/20a 2.6:1496
16087	C ₂₇ H ₅₆ 380.75 13287-08-6		nonadecane, 9-octyl-; 9-octylnonadecane	IV/8b 2.8:443
16088	C ₂₇ H ₅₆ 380.75 55282-32-1		10-hexyl-10-methyleicosane; 10-hexyl-10-methylicosane	IV/8b 2.8:441
16089	C ₂₇ H ₅₆ 380.75 55282-30-9		5-ethyl-5-methyltetracosane	IV/8b 2.8:437
16090	C ₂₇ H ₅₆ 380.75 55282-27-4		9-ethyl-9-heptyloctadecane; octadecane, 9-ethyl-9-heptyl-	IV/8b 2.8:436
16091	C ₂₇ H ₅₆ 380.75 55282-29-6		8-hexyl-8-pentylhexadecane	IV/8b 2.8:442
16092	C ₂₇ H ₅₆ 380.75 55282-31-0		10-ethyl-10-propyldocosane	IV/8b 2.8:438
16093	C ₂₇ H ₅₆ 380.75 13287-07-5		6,12-dipentylheptadecane; heptadecane, 6,12-dipentyl-	IV/8b 2.8:435
16094	C ₂₇ H ₅₆ S 412.81 66291-85-8	HS-C ₂₇ H ₅₅	1-heptacosanethiol	IV/20b 3.2:523
16095	C ₂₇ H ₅₇ BO ₃ 440.57 2467-14-3		boric acid trinonyl ester; tris(1-nonyl) borate	III/38a 2.1.4:269; IV/6 2.1.3:1900; IV/16 2.1.4:196
16096	C ₂₇ H ₅₇ OP 428.73 17262-53-2		trinonylphosphine oxide	IV/6 2.1.3:1901
16097	C ₂₇ H ₅₈ BrN 476.68 24298-17-7		ammonium, trioctylpropyl-, bromide; trioctylpropylammonium bromide	IV/8a 3.5.10,p.425
16098	C ₂₈ H ₁₄ 350.42 190-39-6		bisanthrene; <i>meso</i> -naphthodianthrene; phenanthro[1,10,9,8-opqra]perylene; phenanthro[1,9,10,8-fghi]perylene	IV/20a 2.6:1497
16099	C ₂₈ H ₁₆ 352.44 192-47-2		dibenzof[h,rst]pentaphane; tribenzo[a,e,i]pyrene; 1,2,4,5,7,8-tribenzopyrene; 1,2,4,5,8,9-tribenzopyrene	IV/8a 3.5.10,p.426

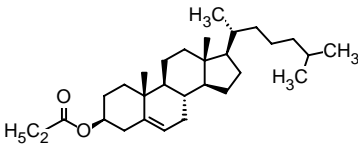
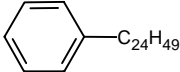
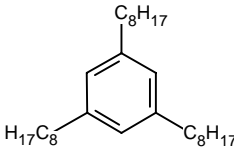
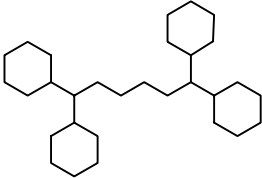
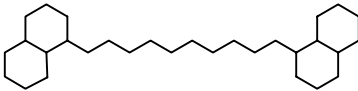
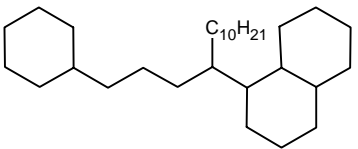
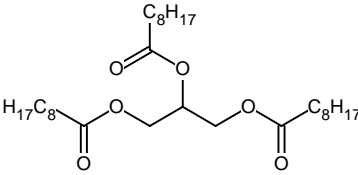
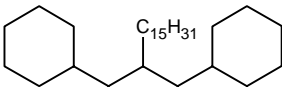
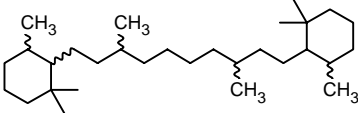
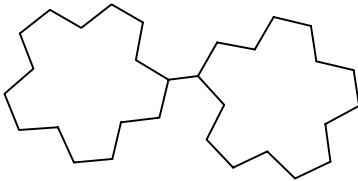
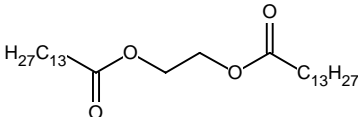
16100	$C_{28}H_{16}F_{32}O_8$ 1088.38 3871-11-2		tetra(1H,1H,5H-octofluoropentyl)	IV/6 2.1.3:1902
16101	$C_{28}H_{18}$ 354.46 1055-23-8		bianthracene; 9,9'-bianthracene; bianthryl; 9,9'-dianthracene	IV/20a 2.6:1498
16102	$C_{28}H_{20}$ 356.47 73229-32-0		9,10-dihydro-9,9'-bianthracene	IV/8f 6:1336
16103	$C_{28}H_{28}P_2$ 426.48 7688-25-7		1,4-bis(diphenylphosphino)butane; butane, 1,4-bis(diphenylphosphino)-	IV/8a 3.5.10,p.426
16104	$C_{28}H_{30}O_4$ 430.55 92341-26-9		4,4'-dihexanoyloxydiphenyl-diaceylene; phenol, 4,4'-(1,3-butadiynyl-1,4-diyl)bis-, dihexanoate	IV/7b 3.11:39; IV/8a 3.5.10,p.426
16105	$C_{28}H_{32}$ 368.57 55282-03-6		benzene, 1,1'-[4-(3-phenylpropyl)-3-heptene-1,7-diyl]bis-; 1,7-diphenyl-4-(3-phenylpropyl)-3-heptene; 1,1'-[4-(3-phenylpropyl)-3-heptene-1,7-diyl]bis-benzene	IV/8f 2.5:310; IV/20a 2.6:1499
16106	$C_{28}H_{32}O_2Si_3$ 484.82 67103-00-8		1,1,1,3-tetramethyl-3,5,5,5-tetraphenyl-trisiloxane	IV/16 2.1.5:283
16107	$C_{28}H_{32}O_2Si_3$ 484.82 67142-05-6		1,1,3,5-tetramethyl-1,3,5,5-tetraphenyl-trisiloxane	IV/16 2.1.5:284
16108	$C_{28}H_{32}O_4Si_4$ 544.91 77-63-4		cyclotetrasiloxane, 2,4,6,8-tetramethyl-2,4,6,8-tetraphenyl-; 2,4,6,8-tetramethyl-2,4,6,8-tetraphenylcyclotetrasiloxane	IV/8a 3.5.10,p.427

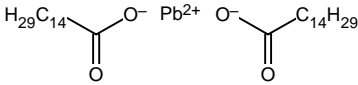
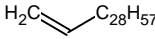
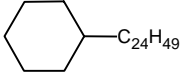
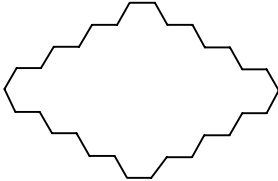
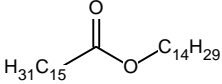
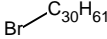
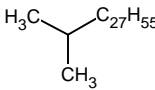
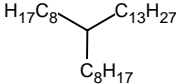
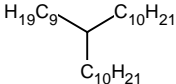
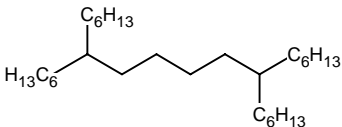
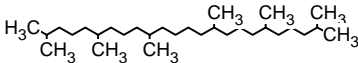
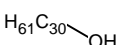
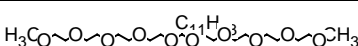
16173	C ₂₉ H ₄₀ 388.64 85600-55-1		4-cyclohexyl-4'-(4-pentylcyclohexyl)biphenyl	IV/7f 7.59:2; IV/8a 3.5.10,p.429
16174	C ₂₉ H ₄₀ N ₂ O ₃ 464.65 76204-58-5		4-[[4-(1-oxopropyl)phenyl]azo]phenyl tetradecanoate; tetradecanoic acid, 4-[[4-(1-oxopropyl)phenyl]azo]phenyl ester	IV/7b 3.51:676; IV/8a 3.5.10,p.429
16175	C ₂₉ H ₄₁ O ₂ 421.65 2370-18-5		2,6-Di-tert-butyl-4-(3,5-di-tert-butyl-4-oxocyclohexa-2,5-dienylidene methyl)phenoxy; galvinoxyl radical	IV/8a 3.5.10,p.429
16176	C ₂₉ H ₄₈ O ₂ 428.70 604-35-3		3β-acetoxy-5-cholestene; cholest-5-en-3-ol (3β)-, acetate; (3β)-cholest-5-en-3-yl ethanoate; cholesteryl acetate	IV/8a 3.5.10,p.429
16177	C ₂₉ H ₅₀ 398.72		11-(2,5-dimethylphenyl)-10-undecosen-1-ylbenzene; 1,4-dimethyl-5-(1-decyl-1-undecenyl)benzene	IV/8e 3.3:570; IV/20a 2.6:1514
16178	C ₂₉ H ₅₂ 400.74 61828-04-4		tricosylbenzene	IV/20a 2.6:1516
16179	C ₂₉ H ₅₂ 400.74 55373-91-6		2-(1-decylundecyl)-1,4-dimethylbenzene; 11-(2,5-dimethylphenyl)henicosane; henicosane, 11-(2,5-dimethylphenyl)-; 11-(2,5-dimethylphenyl)-10-undecosen-1-ylbenzene	IV/8e 2.6:398; IV/20a 2.6:1515, 1517
16180	C ₂₉ H ₅₄ 402.75 55530-51-3		as-indacene, dodecahydro-4-(1-octylonyl)-; 9-(4-as-perhydroindaceny)heptadecane	IV/8f 5.1.3:662
16181	C ₂₉ H ₅₄ 402.75 103403-68-5		1,1,1-tricyclohexylundecane; undecane, 1,1,1-tricyclohexyl-	IV/8f 2.1.2:84
16182	C ₂₉ H ₅₈ 406.79 18835-35-3		1-nonacosene	IV/20a 2.6:1518
16183	C ₂₉ H ₅₈ 406.79		(2-decylundecyl)-2,4-dimethylcyclopentane	IV/8d 2.19:414

16184	C ₂₉ H ₅₈ 406.79 55429-26-0		1-(2-decyldodecyl)-2,4-dimethylcyclopentane; 11-(2,4-dimethylcyclopentylmethyl)henicosane	IV/8d 2.19:413
16185	C ₂₉ H ₅₈ 406.79 61828-08-8		tricosylcyclohexane	IV/20a 2.6:1519
16186	C ₂₉ H ₅₈ 406.79 55429-27-1		2-(1-decyldodecyl)-1,4-dimethylcyclohexane; 11-(2,5-dimethylcyclohexyl)heneicosane	IV/8d 2.19:415
16187	C ₂₉ H ₅₈ 406.79		cyclononacosane	IV/8d 2.19:416
16188	C ₂₉ H ₆₀ 408.80 630-03-5	C ₂₉ H ₆₀	nonacosane	III/38b 2.1:8467; IV/8a 3.5.10,p.430; IV/8b 2.8:452; IV/20a 2.6:1521
16189	C ₂₉ H ₆₀ 408.80 1560-98-1		2-methyloctacosane; octacosane, 2-methyl-	IV/20a 2.6:1520
16190	C ₂₉ H ₆₀ 408.80 103165-25-9		10-nonyleicosane	IV/8b 2.8:453
16191	C ₂₉ H ₆₀ 408.80		7,7-diheptylpentadecane	IV/8b 2.8:451
16192	C ₂₉ H ₆₀ O ₄ Si ₂ 528.97 19987-58-7		di-(methyl-di-pentyl-silyl-methyl) glutarate; di(methyl-di-n-pentylsilylmethyl) glutarate	III/38a 2.1.5:760; IV/6 2.1.3:1905
16193	C ₂₉ H ₆₀ S 440.87 66213-92-1	HS-C ₂₉ H ₅₉	1-nonacosanethiol	IV/20b 3.2:525
16194	C ₂₉ H ₆₁ Ge ₃ N ₃ O ₄ 733.60 126030-07-7		1-[2-[(triethylgermyl)oxy]ethyl]-3,5-bis[3-(triethylgermyl)propyl]-1,3,5-triazine-2,4,6(1H,3H,5H)-trione	III/38a 2.1.2:189

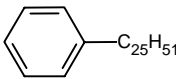
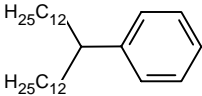
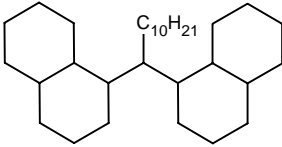
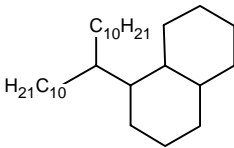
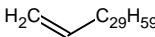
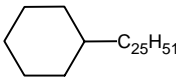
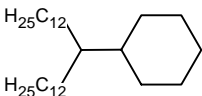
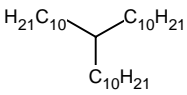
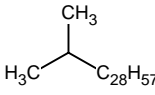
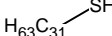
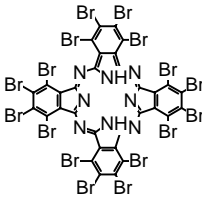
16195	C ₃₀ H ₁₆ 376.46 191-13-9		benzo[c]naphtho[3,2,1,8,7-rstuv]pentaphene; 1,2:7,8-dibenzoanthanthrene; pyranthrene; tribenzo[ghi, m, pqr]picene	IV/20a 2.6:1522
16196	C ₃₀ H ₂₂ 382.51 3073-05-0		1,1':4',1'':4'':1''':4''',1''''-quinquephenyl; <i>p</i> -quinquephenyl	IV/7f 8.1:1; IV/8a 3.5.10,p.430
16197	C ₃₀ H ₃₀ 390.57 2819-41-2		benzene, 1,1',1'',1'''-(1,6-hexanedylidene)tetrakis-; 1,1',1'',1'''-(1,6-hexanedylidene)tetrakisbenzene; 1,1,6,6-tetraphenylhexane	IV/20a 2.6:1523
16198	C ₃₀ H ₃₄ 394.61 40339-27-3		1,10-bis(1-naphthyl)decane; 1,10-Di(1-naphthyl)decane; 1,10-Di(α-naphthyl)decane	IV/8f 6:1339; IV/20a 2.6:1524
16199	C ₃₀ H ₃₄ O ₄ 458.60 92341-27-0		1,3-butadiene-1,4-diylbis(1,4-phenyl eneheptanoate); 4,4'-diheptanoyloxy diphenyldiacetylene; phenol, 4,4'-(1,3-butadiny-1,4-diyl)bis-, diheptanoate	IV/7b 3.11:40; IV/8a 3.5.10,p.430
16200	C ₃₀ H ₄₂ 402.67		5,14-diphenyl-5,13-octadiene	IV/8f 2.5:312
16201	C ₃₀ H ₄₂ 402.67 79832-86-3		[<i>trans(trans)</i>]-4-(4-methylcyclohexyl)-4'-(4-pentylcyclohexyl)-1,1'-biphenyl	IV/7f 7.59:6; IV/8a 3.5.10,p.431
16202	C ₃₀ H ₄₂ 402.67 85600-56-2		[<i>trans(trans)</i>]-4,4'-bis(4-propylcyclohexyl)-1,1'-biphenyl; CBC33	IV/7f 7.59:7; IV/8a 3.5.10,p.431
16203	C ₃₀ H ₄₂ N ₂ O ₃ 478.68 76204-57-4		4-[[4-(1-oxopropyl)phenyl]azo]phenyl pentadecanoate; 4-propionyl-4'-pentadecanoyloxyazobenzene	IV/7b 3.51:680; IV/8a 3.5.10,p.430
16204	C ₃₀ H ₄₄ 404.68		1,1-diphenyl-1-octadecene	IV/8f 2.5:313
16205	C ₃₀ H ₄₄ 404.68 13287-18-8		2-benzyl-1-phenyl-2-heptadecene; 1-phenyl-2-benzyl-2-heptadecene	IV/8f 2.5:314
16206	C ₃₀ H ₄₄ 404.68		9,10-dihydro-2,3-dioctylanthracene; 2,3-dioctyl-9,10-dihydroanthracene	IV/8f 5.2.4:1084

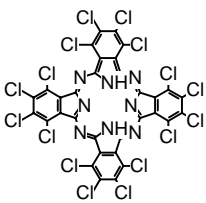
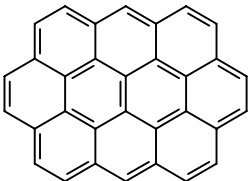
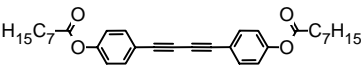
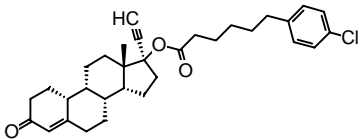
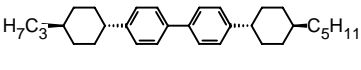
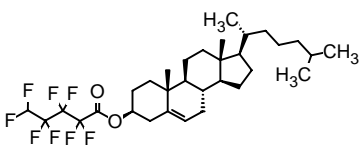
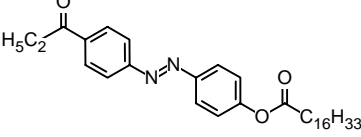
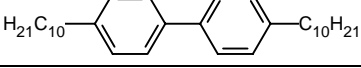
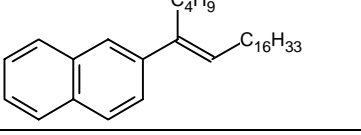
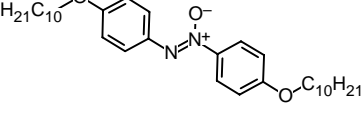
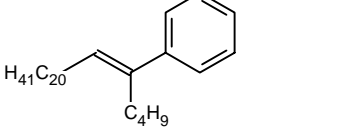
16207	C ₃₀ H ₄₅ F ₅ O ₂ 532.68 66997-77-1		(3β)-cholest-5-en-3-yl pentafluoropropanoate; cholesterol, pentafluoropropanoate; cholesteryl pentafluoropropanoate	IV/8a 3.5.10,p.431
16208	C ₃₀ H ₄₆ 406.70 13456-24-1		2-benzyl-1-phenylheptadecane; heptadecane, 2-benzyl-1-phenyl-; 2-(phenylmethyl)-1-phenylheptadecane	IV/8f 2.4.2:252
16209	C ₃₀ H ₄₆ 406.70		4-octadecyl-1,1'-biphenyl	IV/8f 3.4:470
16210	C ₃₀ H ₄₆ 406.70 97084-95-2		5,14-diphenyloctadecane; octadecane, 5,14-diphenyl-	IV/8f 2.4.2:251
16211	C ₃₀ H ₄₆ 406.70		3,4-diethyl-3,4-bis[4-(1,1- dimethylethyl)phenyl]hexane	IV/8a 3.5.10,p.431
16212	C ₃₀ H ₄₆ 406.70		1-(1-butyl-1-hexadecenyl)naphthalene; naphthalene, 1-(1-butyl-1-hexadecenyl)	IV/8f 5.3.2:1255
16213	C ₃₀ H ₄₆ F ₄ O ₂ 514.69 79312-06-4		(3β)-cholest-5-en-3-yl 2,2,3,3- tetrafluoropropanoate; cholesteryl 2,2,3,3-tetrafluoropropanoate	IV/8a 3.5.10,p.431
16214	C ₃₀ H ₄₆ N ₂ O ₃ 482.71 25729-13-9		azoxybenzene, 4,4'-bis(nonoxy)-; 4,4'-dinoxyazoxybenzene	IV/7b 3.52:138; IV/8a 3.5.10,p.431
16215	C ₃₀ H ₄₉ N ₅ 479.76 129209-58-1		6-(1-methylethenyl)-N-octadecyl-N-phenyl- 1,3,5-triazine-2,4-diamine	IV/8a 3.5.10,p.431
16216	C ₃₀ H ₅₀ 410.73 111-02-4		squalene	III/38b 2.1:8468
16217	C ₃₀ H ₅₀ O 426.73 545-47-1		lup-20(29)-en-3-β-ol	III/38b 2.1:8469

16218	C ₃₀ H ₅₀ O ₂ 442.73 633-31-8		(3β)-cholest-5-en-3-yl propanoate; cholesteryl n-propionate; CP; 3β-propanoyloxycholest-5-ene	IV/8a 3.5.10,p.432
16219	C ₃₀ H ₅₄ 414.77 61828-05-5		tetracosylbenzene	IV/20a 2.6:1526
16220	C ₃₀ H ₅₄ 414.77 7694-77-1		benzene, 1,3,5-trioctyl-; 1,3,5-trioctylbenzene	IV/8e 2.6:399
16221	C ₃₀ H ₅₄ 414.77 55281-91-9		cyclohexane, 1,1',1'',1'''-(1,6-hexanediylidene)tetrakis-; 1,1',1'',1'''-(1,6-hexanediylidene)tetrakiscyclohexane; 1,1,6,6-tetracyclohexylhexane	IV/20a 2.6:1527
16222	C ₃₀ H ₅₄ 414.77 55268-64-9		1,10-bis(decahydro-1-naphthyl)decane; 1,10-bis(decahydro-1-naphthyl)octane; naphthalene, 1,1'-(1,10-decanediyl)bisdecahydro-	IV/8f 5.1.3:663; IV/20a 2.6:1525
16223	C ₃₀ H ₅₆ 416.78 55319-78-3		1-cyclohexyl-4-(1-decahydronaphthyl)tetradecane; 1-[1-(3-cyclohexylpropyl)undecyl]-decahydronaphthalene	IV/8f 6:1340
16224	C ₃₀ H ₅₆ O ₆ 512.78 126-53-4		glycerol trinonanoate	IV/16 2.1.7:2661
16225	C ₃₀ H ₅₈ 418.80		1-cyclohexyl-2-(cyclohexylmethyl)heptadecane	IV/8f 2.1.2:85
16226	C ₃₀ H ₅₈ 418.80		3,8-dimethyl-1,10-bis(2,2,6-trimethylcyclohexyl)decane	IV/8f 2.1.2:86
16227	C ₃₀ H ₅₈ 418.80		bicyclopentadecyl	IV/8f 3.1:361
16228	C ₃₀ H ₅₈ O ₄ 482.79 627-84-9		ethylene dimyristate; tetradecanoic acid 1,2-ethanediyl ester	III/38b 2.1:8470; IV/6 2.1.3:1906

16229	C ₃₀ H ₅₈ O ₄ Pb 689.98 63400-06-6		lead(II) pentadecanoate; pentadecanoic acid, lead(2+) salt	IV/8a 3.5.10,p.432
16230	C ₃₀ H ₆₀ 420.81 18435-53-5		1-triacontene	IV/20a 2.6:1529
16231	C ₃₀ H ₆₀ 420.81 61828-09-9		tetracosyl-cyclohexane	IV/20a 2.6:1528
16232	C ₃₀ H ₆₀ 420.81 297-35-8		cyclotriacontane	IV/8d 2.20:417
16233	C ₃₀ H ₆₀ O ₂ 452.81 4536-26-9		hexadecanoic acid tetradecyl ester; tetradecyl palmitate	III/38b 2.1:8471; IV/6 2.1.3:1907
16234	C ₃₀ H ₆₁ Br 501.73 4209-22-7		1-bromotriacontane; triacontane, 1-bromo-	IV/8a 3.5.10,p.432
16235	C ₃₀ H ₆₂ 422.83 638-68-6	C ₃₀ H ₆₂	triacontane	III/38b 2.1:8473; IV/6 2.1.3:1908; IV/8a 3.5.10,p.432; IV/8b 2.8:458; IV/20a 2.6:1533
16236	C ₃₀ H ₆₂ 422.83 1560-75-4		2-methylnonacosane; nonacosane, 2-methyl-	IV/20a 2.6:1531
16237	C ₃₀ H ₆₂ 422.83 55319-83-0		9-octyldocosane; 9-octyldocosane	IV/8b 2.8:457; IV/20a 2.6:1532
16238	C ₃₀ H ₆₂ 422.83		10-decyleicosane	IV/8b 2.8:454
16239	C ₃₀ H ₆₂ 422.83 70384-40-6		7,12-dihexyl-octadecane	IV/8b 2.8:455; IV/16 2.1.7:2662
16240	C ₃₀ H ₆₂ 422.83 111-01-3		cosbiol; 2,6,10,15,19,23-hexamethyltetracosane; squalane; tetracosane, 2,6,10,15,19,23-hexamethyl-	III/38b 2.1:8472; IV/6 2.1.3:1909; IV/8b 2.8:456; IV/16 2.1.7:2663; IV/20a 2.6:1530
16241	C ₃₀ H ₆₂ O 438.83 593-50-0		triacontan-1-ol	IV/16 2.1.7:2664
16242	C ₃₀ H ₆₂ O ₁₀ 582.82 41293-68-9		1,1-bis-(2-(2-(2-methoxyethoxy)-ethoxy)-ethoxy)-dodecane	IV/16 2.1.7:2665

16243	C ₃₀ H ₆₂ O ₁₆ 678.82 28821-35-4		pentadecaethyleneglycol	III/38b 2.1:8474
16244	C ₃₀ H ₆₂ S 454.89 66213-99-8		1-triacontanethiol	IV/20b 3.2:526
16245	C ₃₀ H ₆₃ AsO ₂ 530.76 6757-54-6		hydroxydipentadecyl arsine oxide	IV/8a 3.5.10,p.432
16246	C ₃₀ H ₆₃ BO ₃ 482.65 20236-81-1		boric acid tridecyl ester; tris(1-decyl) borate	III/38a 2.1.4:270; IV/6 2.1.3:1910; IV/16 2.1.4:197
16247	C ₃₀ H ₆₃ PS 486.87 21722-53-2		tridecylphosphine sulfide	IV/6 2.1.3:1911
16248	C ₃₀ H ₆₈ Cl ₄ CoN ₂ 657.64 56104-94-0		bis(pentadecylammonium)tetrachloro cobaltate(II); tetrachlorobis (pentadecylammonium)cobalt(II)	IV/8a 3.5.10,p.433
16249	C ₃₁ H ₃₂ 404.60 40339-18-2		benzene, 1,1',1'',1'''-(1,3,5,7- heptanetetrayl)tetrakis-; 1,3,5,7-tetraphenylheptane	IV/8f 2.4.2:253
16250	C ₃₁ H ₃₄ 406.62 56247-76-8		1,1'-bis(1-naphthyl)-1-undecene; 1,1-Di-(1-naphthyl)-1-undecene; naphthalene, 1,1'-(1-undecenylidene)bis-; 1,1'-(1-undecenylidene)bisnaphthalene	IV/8f 6:1341; IV/20a 2.6:1534
16251	C ₃₁ H ₄₄ N ₂ O ₃ 492.71 76204-56-3		4-[[4-(1-oxopropyl)phenyl]azo]phenyl hexadecanoate; 4-propionyl-4'- hexadecanoyloxyazobenzene	IV/7b 3.5.1:684; IV/8a 3.5.10,p.433
16252	C ₃₁ H ₄₅ F ₇ O ₂ 582.69 18003-78-6		heptafluorobutanoate; (3β)-cholest-5-en-3-yl heptafluorobutanoate; cholesterol, heptafluorobutyrate; cholesteryl heptafluorobutanoate	IV/8a 3.5.10,p.433
16253	C ₃₁ H ₄₈ 420.73 55319-81-8		1-(1-decyl-1-undecenyl)naphthalene; 1-(1-decylundec-1-enyl)naphthalene; naphthalene, 1-(1-decyl-1-undecenyl)-; 11-(1-naphthyl)-10-henicosene	IV/8f 5.3.2:1256; IV/20a 2.6:1535
16254	C ₃₁ H ₅₄ 426.78 56282-45-2		5-(1-decylundecyl)-1,2,3,4- tetrahydronaphthalene; 11-[1-(5,6,7,8- tetrahydronaphthyl)]henicosane	IV/8f 5.2.4:1085

16255	C ₃₁ H ₅₆ 428.79 61828-06-6		pentacosylbenzene	IV/20a 2.6:1537
16256	C ₃₁ H ₅₆ 428.79 6006-90-2		(1-dodecyltridecyl)benzene; pentacosane, 13-phenyl-; 13-phenylpentacosane	IV/8e 2.6:400; IV/20a 2.6:1538
16257	C ₃₁ H ₅₆ 428.79 55373-96-1		1,1-di-(decahydro-naphthalenyl)-undecane; 1,1-bis(decahydro-1-naphthyl)undecane; 1,1-Di-(1-decahydronaphthyl)undecane; naphthalene, 1,1'-undecylidenebis[decahydro-]; 1,1'-undecylidenebis[decahydronaphthalene]	III/38b 2.1:8475; IV/8f 5.1.3:664; IV/20a 2.6:1536
16258	C ₃₁ H ₆₀ 432.82 55320-00-8		11-(1-decahydronaphthyl)heneicosane; 2-(1-decylundecyl)bicyclo[4.4.0]decane; 1-(1-decylundecyl)decahydronaphthalene; naphthalene, 1-(1-decylundecyl)decahydro-	IV/8f 5.1.3:665; IV/20a 2.6:1539
16259	C ₃₁ H ₆₂ 434.84 18435-54-6		1-hentriacontene; 1-untriacontene	IV/20a 2.6:1541
16260	C ₃₁ H ₆₂ 434.84 61828-10-2		pentacosyl-cyclohexane	IV/20a 2.6:1542
16261	C ₃₁ H ₆₂ 434.84 6697-15-0		13-cyclohexylpentacosane; (1-dodecyltridecyl)cyclohexane	IV/8d 2.20:418; IV/20a 2.6:1540
16262	C ₃₁ H ₆₄ 436.86 630-04-6	C ₃₁ H ₆₄	hentriacontane; n-hentriacontane; untriacontane	III/38b 2.1:8477; IV/8a 3.5.10,p.433; IV/8b 2.9:460; IV/20a 2.6:1545
16263	C ₃₁ H ₆₄ 436.86 55320-06-4		11-decylheneicosane; 11-decylheneicosane; 11-decylheneicosane; heneicosane, 11-decyl-	III/38b 2.1:8476; IV/6 2.1.3:1912; IV/8a 3.5.10,p.433; IV/8b 2.9:459; IV/20a 2.6:1544
16264	C ₃₁ H ₆₄ 436.86 1560-72-1		2-methyltriacontane; triacontane, 2-methyl-	IV/20a 2.6:1543
16265	C ₃₁ H ₆₄ S 468.92 5340-24-9		1-hentriacontanethiol	IV/20b 3.2:527
16266	C ₃₂ H ₂ Br ₁₆ N ₈ 1776.97 28746-04-5		hexadecabromophthalocyanide	IV/20b 4.6:1604

16267	C ₃₂ H ₂ Cl ₁₆ N ₈ 1065.67 28888-81-5		hexadecachlorophthalocyanide	IV/20b 4.6:1605
16268	C ₃₂ H ₁₄ 398.47 190-26-1		ovalene; phenanthro[3,4,5,6-qrabc]coronene	IV/8a 3.5.10,p.433; IV/20a 2.6:1546
16269	C ₃₂ H ₃₈ O ₄ 486.66 71332-84-8		4,4'-dioctanoyloxydiphenyldiacetylene; phenol, 4,4'-(1,3-butadiynyl-1,4-diyl)bis-, dioctanoate	IV/7b 3.11:41; IV/8a 3.5.10,p.433
16270	C ₃₂ H ₃₉ ClO ₃ 507.12 71203-42-4		(17 α)-17-[[6-(4-chlorophenyl)-1-oxohexyl] oxy]-19-norpregn-4-en-20-yn-3-one; nerethindrone-6-(4-chlorophenyl)- hexanoate	IV/8a 3.5.10,p.434
16271	C ₃₂ H ₄₆ 430.72 80955-71-1		[<i>trans(trans)</i>]-4-(4-pentylcyclohexyl)-4'-(4- propylcyclohexyl)-1,1'-biphenyl	IV/7f 7.59:8; IV/8a 3.5.10,p.434
16272	C ₃₂ H ₄₆ F ₈ O ₂ 614.71 89366-04-1		(3 β)-cholest-5-en-yl 2,2,3,3,4,4,5,5- octafluoropentanoate; cholesterol 2,2,3,3,4,4,5,5- octafluoropentanoate; cholesteryl δ -monohydrofluoropentanoate	IV/8a 3.5.10,p.434
16273	C ₃₂ H ₄₆ N ₂ O ₃ 506.73 76204-55-2		4-[[4-(1-oxopropyl)phenyl]azo]phenyl heptadecanoate; 4-propionyl-4'- heptadecanoyloxyazobenzene	IV/7b 3.51:688; IV/8a 3.5.10,p.434
16274	C ₃₂ H ₅₀ 434.76		4,4'-didecyl-1,1'-biphenyl	III/38b 2.1:8478; IV/7a 2.1:547
16275	C ₃₂ H ₅₀ 434.76		2-(1-butyl-1-octadecenyl)naphthalene; naphthalene, 2-(1-butyl-1-octadecenyl)	IV/8f 5.3.2:1257
16276	C ₃₂ H ₅₀ N ₂ O ₃ 510.77 2312-12-1		azoxybenzene, 4,4'-bis(decoxy)-; 4,4'-didecoxyazoxybenzene	IV/7b 3.52:139; IV/8a 3.5.10,p.434
16277	C ₃₂ H ₅₆ 440.80		(1-butyl-1-docosenyl)benzene	IV/8e 3.3:571

16278	C ₃₂ H ₅₆ 440.80		6-docosyl-1,2,3,4-tetrahydronaphthalene	IV/8f 5.2.4:1088
16279	C ₃₂ H ₅₆ 440.80		6-(1-butyloctadecyl)-1,2,3,4-tetrahydronaphthalene	IV/8f 5.2.4:1087
16280	C ₃₂ H ₅₈ 442.82 13024-80-1		hexacosane, 1-phenyl-; hexacosylbenzene	IV/20a 2.6:1547
16281	C ₃₂ H ₅₈ 442.82		(1-butyldocosyl)benzene	IV/8e 2.6:401
16282	C ₃₂ H ₆₂ 446.85		decahydro-2-docosyl-naphthalene; 3-docosylbicyclo[4.4.0]decane	IV/8f 5.1.3:667
16283	C ₃₂ H ₆₂ 446.85		3-(2-butyloctadecyl)bicyclo[4.4.0]decane; 2-(2-butyloctadecyl)decahydronaphthalene	IV/8f 5.1.3:666
16284	C ₃₂ H ₆₂ HgO ₄ 711.44 16888-60-1		mercury(II)hexadecanoate; mercury(2+) palmitate; palmitic acid, mercury(2+) salt	IV/8a 3.5.10,p.434
16285	C ₃₂ H ₆₂ O ₃ 494.85 623-65-4		hexadecanoic acid anhydride	III/38b 2.1:8479
16286	C ₃₂ H ₆₄ 448.87 18435-55-7		1-dotriacontene	IV/20a 2.6:1548
16287	C ₃₂ H ₆₄ 448.87 61828-11-3		hexacosyl-cyclohexane	IV/20a 2.6:1549
16288	C ₃₂ H ₆₄ 448.87		(1-butyldocosyl)cyclohexane	IV/8d 2.20:419
16289	C ₃₂ H ₆₄ 448.87		1,16-dimethylcyclotriacontane	IV/8d 2.20:421
16290	C ₃₂ H ₆₄ 448.87 297-39-2		cyclodotriacontane	IV/8d 2.20:420

16291	C ₃₂ H ₆₄ O ₂ 480.87 17661-50-6		octadecanoic acid tetradecyl ester; tetradecyl stearate	III/38b 2.1:8481; IV/6 2.1.3:1913
16292	C ₃₂ H ₆₄ O ₂ 480.87 540-10-3		hexadecanoic acid hexadecyl ester	III/38b 2.1:8480
16293	C ₃₂ H ₆₆ 450.88 544-85-4	C ₃₂ H ₆₆	dotriacontane	III/38b 2.1:8482; IV/8a 3.5.10,p.434; IV/8b 2.9:462; IV/16 2.1.7:2667; IV/20a 2.6:1551; Mixtures: III/38a 3.1:948
16294	C ₃₂ H ₆₆ 450.88 55401-54-2		9-octyltetracosane; tetracosane, 9-octyl-	IV/8b 2.9:463; IV/20a 2.6:1553
16295	C ₃₂ H ₆₆ 450.88 1720-12-3		2-methylhentriacontane	IV/20a 2.6:1552
16296	C ₃₂ H ₆₆ 450.88 55401-55-3		11-decyldocosane; docosane, 11-decyl-	IV/8b 2.9:461; IV/16 2.1.7:2666; IV/20a 2.6:1550
16297	C ₃₂ H ₆₆ O ₁₀ 610.88 41293-72-5		1,1-bis(2-(2-(2-(2-methoxyethoxy)-ethoxy)-ethoxy)-ethoxy)-tetradecane	IV/16 2.1.7:2668
16298	C ₃₂ H ₆₆ O ₁₁ 626.88 6540-99-4		2-(2-(2-(2-(2-(2-(2-dodecyloxy-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethoxy)-ethanol	IV/16 2.1.7:2669
16299	C ₃₂ H ₆₆ O ₁₂ 642.88 36460-62-5		2-(2-(2-(2-(1-[2-(2-(2-(2-hydroxyethoxy)-ethoxy)-ethoxy)-ethoxy]-dodecyloxy)-ethoxy)-ethoxy)-ethoxy)-ethanol	IV/16 2.1.7:2670
16300	C ₃₂ H ₆₆ S 482.95 66256-05-1		1-dotriacontanethiol	IV/20b 3.2:528
16301	C ₃₂ H ₆₇ AsO ₂ 558.81 6728-00-3		dihexadecylhydroxy arsine oxide	IV/8a 3.5.10,p.435
16302	C ₃₂ H ₆₈ O ₄ Si 544.98 78-14-8		silicic acid tetraoctyl ester	IV/16 2.1.5:287
16303	C ₃₂ H ₆₈ O ₄ Si 544.98 115-82-2		silicic acid tetrakis(2-ethyl-hexyl ester); silicic acid tetrakis(2-ethylhexyl) ester	III/38a 2.1.5:761; IV/16 2.1.5:286

16304	C ₃₂ H ₇₀ Cl ₂ CuN ₂ 617.37 74541-02-9		copper, dichlorobis(1-hexadecanamine)-; dichlorobis(1-hexadecanamine)copper(II)	IV/8a 3.5.10,p.435
16305	C ₃₂ H ₇₀ Cl ₂ N ₂ Zn 619.20 65295-15-0		dichlorobis(1-hexadecanamine)zinc; zinc, dichlorobis(1-hexadecanamine)-	IV/8a 3.5.10,p.435
16306	C ₃₂ H ₇₂ Cl ₄ CoN ₂ 685.69 56104-95-1		bis(hexadecylammonium)tetrachloro cobaltate(II); 1-hexadecanamine (T-4)- tetrachlorocobaltate(2-)(2:1)	IV/8a 3.5.10,p.435
16307	C ₃₂ H ₇₂ Cl ₄ CuN ₂ 690.30 63643-59-4		bis(hexadecylammonium)tetrachloro cuprate(II); 1-hexadecanamine, (T-4)- tetrachlorocuprate(II) (2:1)	IV/8a 3.5.10,p.435
16308	C ₃₂ H ₇₂ Cl ₄ FeN ₂ 682.60 57947-16-7		bis(hexadecylammonium)tetrachloro ferrate(II); 1-hexadecanamine, (T-4)- tetrachloroferrate(II) (2:1)	IV/8a 3.5.10,p.435
16309	C ₃₂ H ₇₂ Cl ₄ HgN ₂ 827.35 57947-18-9		bis(hexadecylammonium)tetrachloro mercurate(II); 1-hexadecanamine, (T-4)- tetrachloromercurate(II) (2:1)	IV/8a 3.5.10,p.436
16310	C ₃₂ H ₇₂ Cl ₄ MnN ₂ 681.69 53290-99-6		bis(hexadecylammonium)tetrachloro manganate(II); 1-hexadecanamine, (T-4)- tetrachloromanganate(II) (2:1)	IV/8a 3.5.10,p.436
16311	C ₃₂ H ₇₂ Cl ₄ N ₂ Zn 692.13 57947-17-8		1-hexadecanamine, (T-4)- tetrachlorozincate(2-) (2:1); hexadecylammonium tetrachlorozincate(2)(2:1)	IV/8a 3.5.10,p.436
16312	C ₃₃ H ₃₄ O ₂ Si ₃ 546.90 67103-01-9		1,1,3-trimethyl-1,3,5,5-pentaphenyl- trisiloxane	IV/16 2.1.5:288
16313	C ₃₃ H ₃₄ O ₂ Si ₃ 546.90 3390-61-2		1,3,5-trimethyl-1,1,3,5,5-pentaphenyl- trisiloxane	IV/16 2.1.5:289
16314	C ₃₃ H ₃₄ O ₃ 478.64 71203-40-2		(17α)-17-[[[1,1'-biphenyl]-4-ylcarbonyl]oxy]- 19-norpregn-4-en-20-yn-3-one; norethindrone biphenyl-4-carboxylate; norethisterone 4-phenylbenzoate	IV/8a 3.5.10,p.436

16315	C ₃₃ H ₄₀ O ₃ 484.68 71203-41-3		(17 α)-17-[(4-cyclohexylbenzoyl)oxy]-19-norpregn-4-en-20-yn-3-one; norethindrone 4-cyclohexylbenzoate	IV/8a 3.5.10,p.436
16316	C ₃₃ H ₄₂ O ₃ 486.70 71203-37-7		[17 α , 17(<i>trans</i>)]-17-[[4-hexylcyclohexyl)carbonyl]oxy]-19-norpregn-4-en-20-yn-3-one; norethisterone <i>trans</i> -4-hexylcyclohexylcarboxylate	IV/8a 3.5.10,p.437
16317	C ₃₃ H ₄₈ N ₂ O ₃ 520.76 76212-79-8		4-[[4-(1-oxopropyl)phenyl]azo]phenyl octadecanoate; 4-propionyl-4'-octadecanoyloxyazobenzene	IV/7b 3.5.1:692; IV/8a 3.5.10,p.436
16318	C ₃₃ H ₄₈ O ₃ 492.75 71203-38-8		[17 α , 17(<i>trans</i>)]-17-[3-(4-butylcyclohexyl)-1-oxopropoxy]-19-norpregn-4-en-20-yn-3-one; norethindrone <i>trans</i> -3-(4-butylcyclohexyl)propionate	IV/8a 3.5.10,p.436
16319	C ₃₃ H ₆₀ 456.85 61828-25-9		heptacosylbenzene	IV/20a 2.6:1554
16320	C ₃₃ H ₆₂ O ₆ 554.86 621-71-6		glycerol tridecanoate; glyceryl tricaprinate; 1,2,3-propanetriyl tridecanoate; tricapric glyceride; tricaprin	III/38b 2.1:8483; IV/6 2.1.3:1914; IV/8a 3.5.10,p.437; IV/16 2.1.7:2671
16321	C ₃₃ H ₆₄ 460.88		3-(1-butyldecyl)spiro[5.5]undecane	IV/8f 4.1:487
16322	C ₃₃ H ₆₆ 462.89 61868-11-9		1-tritriacontene	IV/20a 2.6:1556
16323	C ₃₃ H ₆₆ 462.89 61828-12-4		heptacosyl-cyclohexane	IV/20a 2.6:1555
16324	C ₃₃ H ₆₈ 464.91 630-05-7	C ₃₃ H ₆₈	tritriacontane	IV/8a 3.5.10,p.437; IV/8b 2.9:464; IV/20a 2.6:1558
16325	C ₃₃ H ₆₈ 464.91 1720-11-2		dotriacontane, 2-methyl-; 2-methyldotriacontane	IV/20a 2.6:1557
16326	C ₃₃ H ₆₈ S 496.97 66214-20-8		1-tritriacontanethiol	IV/20b 3.2:529

16327	C ₃₄ H ₁₈ 426.52 190-93-2		benzo[<i>rst</i>]phenanthro[1,10,9-cde]pentaphene	IV/20a 2.6:1559
16328	C ₃₄ H ₁₈ 426.52 191-79-7		tetrabenzo[de, hi, op, st]pentacene	IV/20a 2.6:1560
16329	C ₃₄ H ₂₀ 428.54 4430-29-9		benzo[<i>rst</i>]phenanthro[10,1,2-cde]pentaphene, 9,18-dihydro-; isoviolanthrene	IV/20a 2.6:1562
16330	C ₃₄ H ₂₀ 428.54 81-31-2		anthra[9,1,2-cde]benzo[<i>rst</i>]pentaphene, 5,10-dihydro-; dibenzanthrene; violanthrene; dinaphtho[1,2,3-dc 3',2',1'-lm]perylene	IV/20a 2.6:1561
16331	C ₃₄ H ₄₂ O ₄ 514.71 71332-85-9		4,4'-(1,3-butadiynyl-1,4-diyl)bis(1,4-phenylenonanoate); 4,4'-dinonanoil oxydiphenyldiacetylene; phenol, 4,4'-(1,3-butadiynyl-1,4-diyl)bis-, dinonanoate	IV/7b 3.11:42; IV/8a 3.5.10,p.437
16332	C ₃₄ H ₄₂ O ₆ 546.71 134917-36-5		bis(4-heptyloxyphenyl)1,3-benzenedicarboxylate	IV/7e 6.214:5; IV/8a 3.5.9,p.393
16333	C ₃₄ H ₄₄ O ₂ S ₄ 612.98 81094-48-6		1,3-dithiole, 4-[4-(octyloxy)phenyl]-2-[4-[4-(octyloxy)phenyl]-1,3-dithiol-2-ylidene]-	IV/7c 4.75:10; IV/8a 3.5.10,p.437
16334	C ₃₄ H ₄₄ S ₄ 580.99 88215-32-1		4-(4-octylphenyl)-2-[4-(4-octylphenyl)-1,3-dithiol-2-ylidene]-1,3-dithiole	IV/7c 4.75:6; IV/8a 3.5.10,p.437
16335	C ₃₄ H ₄₆ F ₁₂ O ₂ 714.72 89366-05-2		cholest-5-en-3-ol (3β)-, 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate; (3β)-cholest-5-en-3-yl 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoroheptanoate	IV/8a 3.5.10,p.438
16336	C ₃₄ H ₅₀ 458.78 79832-84-1		[<i>trans(trans)</i>]-4,4'-bis(4-pentylcyclohexyl)-1,1'-biphenyl; 4,4'-bis(<i>trans</i> -4-pentylcyclohexyl)biphenyl	IV/7f 7.59:9; IV/8a 3.5.10,p.438
16337	C ₃₄ H ₅₄ 462.81		4-(1-butyloctadecyl)-1,1'-biphenyl	IV/8f 3.4:471
16338	C ₃₄ H ₅₄ N ₂ O ₃ 538.82 2312-13-2		4,4'-diundecoxyazoxybenzene	IV/7b 3.52:140; IV/8a 3.5.10,p.438

16339	C ₃₄ H ₅₇ N ₅ 535.87 129209-60-5		2-amino-4-(N-docosylanilino)-6-isopropyl-1,3,5-triazine; N-docosyl-6-(1-methyl ethenyl)-N-phenyl-1,3,5-triazine-2,4-diamine	IV/8a 3.5.10,p.438
16340	C ₃₄ H ₅₈ O ₂ 498.84 1182-07-6		(3β)-cholest-5-en-3-yl heptanoate; cholesteryl heptanoate; 3β-heptanoyloxycholest-5-ene	IV/8a 3.5.10,p.438
16341	C ₃₄ H ₆₂ 470.87 61828-26-0		octacosylbenzene	IV/20a 2.6:1563
16342	C ₃₄ H ₆₂ O ₉ Si ₂ 671.04 88351-34-2		<i>cis</i> -but-2-enedioic acid 2-ethyl-hexyl ester-3-(2-(3-[3-(2-ethyl-hexyloxycarbonyl)-acryloyloxy]-propyl)-1,1,2,2-tetramethyl-disiloxanyl)-propyl ester	IV/16 2.1.5:290
16343	C ₃₄ H ₆₆ 474.90 80961-14-4		tetratriacontadiene	IV/6 2.1.3:1915
16344	C ₃₄ H ₆₆ 474.90 50994-95-1		<i>cis,cis</i> -tetratriaconta-9,25-diene	III/38b 2.1:8484
16345	C ₃₄ H ₆₆ O ₄ 538.90 624-03-3		ethylene dipalmitate; hexadecanoic acid 1,2-ethanediyl ester	III/38b 2.1:8485; IV/6 2.1.3:1916
16346	C ₃₄ H ₆₆ O ₄ Pb 746.09 63399-94-0		heptadecanoic acid, lead(2+) salt; lead(II)heptadecanoate	IV/8a 3.5.10,p.438
16347	C ₃₄ H ₆₈ 476.92 61868-12-0		1-tetratriacontene	IV/20a 2.6:1565
16348	C ₃₄ H ₆₈ 476.92 61828-13-5		octacosylcyclohexane	IV/20a 2.6:1564
16349	C ₃₄ H ₆₈ 476.92 297-47-2		cyclotetratriacontane	IV/8d 2.21:422
16350	C ₃₄ H ₆₈ O ₂ 508.92 1190-63-2		cetyl stearate; octadecanoic acid hexadecyl ester	III/38b 2.1:8486; IV/6 2.1.3:1917
16351	C ₃₄ H ₇₀ 478.94 14167-59-0	C ₃₄ H ₇₀	tetratriacontane	III/38b 2.1:8491; IV/8a 3.5.10,p.438; IV/8b 2.9:467; IV/20a 2.6:1569

33689-71-3	c 13844	34487-55-3	b 10464	35242-02-5	b 9302	35975-49-6	c 11977	36667-56-8	b 10892
33693-78-6	a 2400	34495-84-6	a 1194	35242-05-8	b 9303	36043-12-6	a 3546	36668-55-0	a 3227
33695-59-9	a 2364	34495-85-7	a 1195	35254-68-3	b 6232	36043-13-7	a 3554	36677-73-3	a 4037
33712-16-2	c 13216	34511-13-2	a 107	35280-78-5	c 15066	36043-14-8	a 3409	36678-06-5	a 3148
33716-15-3	a 530	34522-19-5	b 9233	35309-15-0	b 9926	36043-15-9	a 3719	36680-45-2	b 10531
33718-39-7	a 4889	34566-04-6	b 7111	35309-99-0	b 9643	36043-16-0	a 3727	36685-97-9	c 14259
33734-55-3	c 13967	34566-05-7	b 7110	35310-85-1	c 14188	36049-78-2	b 6951	36701-01-6	b 8672
33734-56-4	c 14686	34581-76-5	a 1319	35325-39-4	c 15277	36063-02-2	c 13657	36707-30-9	b 10617
33738-48-6	b 10543	34592-87-5	a 1017	35328-43-9	b 8242	36063-03-3	c 13658	36716-22-0	c 15096
33755-64-5	a 4070	34627-31-1	a 807	35329-18-1	b 9974	36063-04-4	c 13668	36744-42-0	a 2371
33757-13-0	a 1092	34642-44-9	c 15191	35354-38-2	c 14940	36063-05-5	c 13667	36748-60-4	c 12085
33757-14-1	a 3743	34672-43-0	a 1181	35354-39-3	c 14964	36063-07-7	c 14441	36823-35-5	a 2862
33766-29-9	b 8870	34698-41-4	b 7439	35363-40-7	a 4613	36063-08-8	c 14443	36847-51-5	a 4231
33818-52-9	a 2723	34712-64-6	b 10137	35365-59-4	c 14630	36120-45-3	b 9659	36880-72-5	b 6667
33838-52-7	a 4955	34713-94-5	a 3622	35367-38-5	c 12494	36121-49-0	a 1149	36884-78-3	a 1076
33840-97-0	a 5143	34736-33-9	a 2160	35376-41-1	b 10630	36134-87-9	a 4825	36887-04-4	a 2718
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33898-53-2	a 1373	34786-24-8	b 7540	35387-63-4	b 8933	36208-14-7	b 9222	36901-85-6	b 7660
33912-13-9	a 3954	34802-42-1	a 866	35430-56-9	b 8035	36208-17-0	b 9221	36903-89-6	b 8065
33933-74-3	b 7858	34817-44-2	b 10039	35430-57-0	b 8036	36215-49-3	c 16137	36926-72-4	a 1745
33933-78-7	b 9483	34822-90-7	a 2947	35430-59-2	b 11439	36227-43-7	b 10716	36929-57-4	c 12316
33964-24-8	c 13226	34834-20-3	b 7216	35430-60-5	c 12395	36230-28-1	c 12709	36977-92-1	b 9053
33966-50-6	a 2758	34859-98-8	b 6884	35430-61-6	c 15538	36245-88-2	c 15428	36997-32-7	c 13130
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33980-05-1	b 11010	34891-10-6	b 7688	35466-84-3	b 6899	36355-90-5	c 16528	37056-58-9	a 3092
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34212-48-1	b 9343	35099-89-9	b 9259	35718-08-2	a 1928	36460-60-3	c 15768	37231-85-9	a 405
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34219-87-9	c 12610	35135-42-3	c 14856	35776-64-8	b 7590	36460-62-5	c 16299	37260-66-5	c 16593
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34238-81-8	c 11934	35135-44-5	c 15311	35781-43-2	b 9365	36460-65-8	c 16358	37297-05-5	c 15380
34244-89-8	a 3357	35135-45-6	c 15448	35814-49-4	a 603	36460-66-9	c 16399	37317-52-5	c 16593
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34244-91-2	a 5580	35135-49-0	c 16054	35850-29-4	b 10444	36549-53-8	a 4890	37331-41-2	b 10769
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34265-90-2	b 8968	35182-51-5	b 8699	35866-96-7	b 11606	36556-33-9	a 3800	37333-09-8	a 2430
34266-16-5	b 7662	35192-25-7	a 3367	35873-40-6	b 9831	36559-47-4	b 6559	37335-15-2	b 7273
34292-00-7	a 980	35192-26-8	a 3368	35873-41-7	b 10984	36566-80-0	a 5414	37336-10-0	c 16593
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34438-24-9	b 10523	35216-11-6	c 12855	35934-83-9	b 6391	36643-74-0	b 7366	37342-16-8	a 4056
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34461-56-8	a 624	35227-83-9	c 13007	35973-13-8	a 5191	36667-55-7	b 9787	37359-35-6	b 6260

37359-43-6	a	5104	38338-68-0	b	10752	39220-69-4	b	8538	39916-61-5	b	10893	41010-07-5	b	9666
37361-15-2	a	866	38372-60-0	c	14261	39229-78-2	c	12880	39936-83-9	b	8180	41035-07-8	a	4338
37370-70-0	c	16593	38380-07-3	b	10434	39251-86-0	b	9860	39937-08-1	a	438	41055-92-9	a	5549
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37580-39-5	a	592	38451-18-2	b	7478	39265-75-3	c	13905	40120-69-2	c	15719	41293-67-8	c	16034
37587-81-8	a	3110	38454-35-2	c	15703	39284-22-5	a	4010	40135-38-4	b	11069	41293-68-9	c	16242
37588-15-1	c	15673	38460-95-6	b	9946	39289-28-6	a	138	40159-76-0	a	2913	41293-69-0	c	16359
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37589-57-4	c	15033	38483-29-3	a	815	39291-71-9	c	12838	40244-90-4	a	4741	41293-72-5	c	16297
37635-87-3	a	1224	38483-30-6	a	846	39300-53-3	c	12019	40276-93-5	a	5421	41293-73-6	c	16400
37641-05-7	c	13608	38582-58-0	c	14518	39307-52-3	b	9051	40302-56-5	c	14962	41309-63-1	a	932
37680-73-2	b	10438	38599-17-6	c	13270	39324-83-9	b	10649	40324-40-1	b	8518	41328-72-7	c	14757
37689-12-6	b	7705	38628-39-6	c	12108	39336-60-2	c	12106	40334-69-8	a	1963	41433-81-2	c	15620
37689-15-9	b	8944	38632-95-0	b	11746	39349-94-5	a	461	40334-70-1	a	3994	41446-63-3	c	12964
37689-16-0	b	8943	38636-36-1	a	5895	39363-63-8	b	5995	40339-18-2	c	16249	41446-64-4	c	12962
37689-18-2	b	9980	38636-37-2	a	5894	39373-86-9	b	10982	40339-27-3	c	16198	41463-86-9	b	8284
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37746-78-4	a	4140	38661-82-4	b	6176	39384-39-9	c	16593	40356-70-5	b	8588	41492-05-1	b	8536
37796-58-0	c	12599	38662-39-4	a	2614	39387-78-5	b	10539	40380-15-2	a	5085	41492-69-7	b	10022
37808-08-5	c	13220	38667-10-6	b	7710	39390-61-9	c	14744	40453-77-8	a	3662	41585-82-4	c	12175
37826-44-1	a	2857	38690-76-5	c	15300	39390-77-7	a	3789	40458-98-8	c	13766	41589-74-6	a	5797
37850-75-2	a	5773	38693-83-3	a	1955	39393-66-3	c	14678	40463-64-7	a	1265	41597-81-3	c	12351
37866-06-1	a	4388	38727-55-8	c	13801	39393-67-4	c	15518	40482-44-8	a	4433	41597-82-4	c	12350
37896-45-0	b	11721	38738-60-2	b	8746	39394-17-7	c	14170	40482-46-0	a	5577	41635-77-2	b	10662
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