



**List of
Precursors and chemicals
Frequently used in the illicit manufacture of narcotic
drugs and psychotropic substances under
International Control**

In accordance with the
United Nations Convention against Illicit Traffic
in Narcotic Drugs and Psychotropic Substances, 1988

Prepared by the
INTERNATIONAL NARCOTICS CONTROL BOARD

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Introduction

This list has been prepared by the International Narcotics Control Board (INCB) as a tool to be used for the identification of substances scheduled in Tables I and II of the United Nations Convention against Illicit Traffic in Narcotic Drugs and Psychotropic Substances, 1988 (1988 Convention).

All those involved with the implementation of the provisions of article 12 of the 1988 Convention, including regulatory, administrative and law enforcement authorities, will find the list helpful. For example, it will be required to complete the Board's Form D, "Annual information on substances frequently used in the illicit manufacture of narcotic drugs and psychotropic substances", as required under the provisions of article 12, paragraph 12. It will also be required by regulatory and administrative authorities to check the names of chemicals associated with, *inter alia*, applications for authorizations for export or import. Law enforcement authorities will require the information, *inter alia*, to check documentation accompanying consignments of chemicals and to further identify chemicals seized at illicit laboratories.

The list is comparable to the lists of narcotic drugs and psychotropic substances under international control, and the alphabetical listings of other names and trade names of narcotic drugs and psychotropic substances, which are published by the Board as the "Yellow List" and the "Green List", respectively.

Part One gives a list of those substances scheduled in Tables I and II of the 1988 Convention. The list is divided into two sections, the first listing those substances included in Table I, and the second listing those substances in Table II. English, French and Spanish names as used in the respective versions of the Tables of the 1988 Convention are given, as well as Harmonized System (HS) codes and Chemical Abstracts Service (CAS) registry numbers, to facilitate rapid identification of all scheduled substances. The full Chemical Abstracts Index name of each substance is given also for reference purposes.

Part Two lists in alphabetical order the chemical names, synonyms and trade names, etc., of the substances included in Part One. Although not explicitly stated in the 1988 Convention, it is understood that the name of each of those substances, as given in the Tables of the Convention, covers also all isomeric forms of the substance. Consequently, it should be noted that where a specific isomer is listed in Part Two, for example *l*-ephedrine as a synonym for ephedrine, this should not be understood to mean that only the *l*-form of ephedrine is controlled.

Part Three provides a table of conversion factors needed to convert quantities of scheduled substances in their salt form into quantities of pure anhydrous base.

Regular updating of the information provided in this list, particularly that relating to the chemical names, synonyms and trade names, etc., of scheduled substances, will be necessary to ensure the effectiveness of controls. Governments are kindly requested to provide the Board with any additions and/or amendments to the information provided to ensure that this database is maintained up to date.

For additional synonyms, trade names, and individual monographs of the scheduled substances, Governments are referred to the "Multilingual Dictionary of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control", produced by the Laboratory and Scientific Services of UNODC, which can be accessed at: <https://www.unodc.org/unodc/en/scientists/multilingual-dictionary-of-precursors-and-chemicals>.

PART ONE: SUBSTANCES SCHEDULED IN TABLES I AND II OF THE 1988 CONVENTION

English, French and Spanish names as used in the respective versions of Tables I and II of the 1988 Convention are given, as well as Harmonized System (HS) codes and Chemical Abstracts Service (CAS) registry numbers¹, to facilitate rapid identification of all scheduled substances. Chemical Abstracts Index names are given in parentheses.

¹ The CAS numbers for the salts of the substances listed are different from those given. Therefore, a substance with a CAS number that does not appear in the list may nevertheless be a scheduled substance.

SUBSTANCES INCLUDED IN TABLE I

Acetic anhydride Anhydride acétique Anhídrido acético	(acetic oxide) HS code: 2915.24 CAS number: 108-24-7
<i>N</i> -Acetylanthranilic acid Acide <i>N</i> -acétylanthranilique Acido <i>N</i> -acetilantranílico	(benzoic acid, 2-(acetylamino)-) HS code: 2924.23 CAS number: 89-52-1
4-Anilino- <i>N</i> -phenethylpiperidine (ANPP) 4-Anilino- <i>N</i> -phénéthylpipéridine 4-Anilino- <i>N</i> -fenetilpiperidina	(<i>N</i> -phenyl-1-(2-phenylethyl)piperidin-4-amine) HS code: 2933.36 CAS number: 21409-26-7
<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate (1-boc-4-AP) ² <i>tert</i> -butyl 4-(phénylamino)pipéridine-1-carboxylate 4-(fenilamino)piperidina-1-carboxilato de <i>tert</i> -butilo	(4-(phenylamino)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester) HS code: 2933.34 CAS number: 125541-22-2
Ephedrine Ephédrine Efedrina	([<i>R</i> -(<i>R</i> *, <i>S</i> *)]- α -[1-(methylamino)ethyl]-benzenemethanol) HS code: 2939.41 [#] CAS number: 299-42-3
Ergometrine Ergométrine Ergometrina	(ergoline-8-carboxamide,9,10-didehydro- <i>N</i> -(2-hydroxy-1-methylethyl)-6-methyl-,[8 β (<i>S</i>)]) HS code: 2939.61 CAS number: 60-79-7
Ergotamine Ergotamine Ergotamina	(ergotaman-3',6',18'-trione, 12'-hydroxy-2'-methyl-5'-(phenylmethyl)-,(5 α)) HS code: 2939.62 CAS number: 113-15-5
Isosafrole Isosafrole Isosafrol	(1,3-benzodioxole,5-(1-propenyl)-) HS code: 2932.91 CAS number: 120-58-1
Lysergic acid Acide lysergique Acido lisérgico	((8 β)-9,10-didehydro-6-methylergoline-8-carboxylic acid) HS code: 2939.63 CAS number: 82-58-6
3,4-MDP-2-P methyl glycidate ³ Méthylglycidate de 3,4-MDP-2-P 3,4-MDP-2-P-metilglicidato	(2-oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)-2-methyl-, methyl ester) HS code: 2932.99 CAS number: 13605-48-6
3,4-MDP-2-P methyl glycidic acid ³ Acide méthylglycidique de 3,4-MDP-2-P Ácido 3,4-MDP-2-P-metilglicídico	(2-oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)-2-methyl-) HS code: 2932.99 CAS number: 2167189-50-4
3,4-Methylenedioxyphenyl-2-propanone Méthylènedioxyphényl-3,4 propanone-2 3,4-Metilendioxifenil-2-propanona	(2-propanone,1-[3,4(methylenedioxy)phenyl]-) HS code: 2932.92 CAS number: 4676-39-5
Methyl <i>alpha</i> -phenylacetoacetate (MAPA) ⁴ Méthyl <i>alpha</i> -phénylacétoacétate <i>alfa</i> -Fenilacetoacetato de metilo (MAPA)	(methyl 3-oxo-2-phenylbutanoate) HS code: 2918.30 CAS number: 16648-44-5
Norephedrine Norephédrine Norefedrina	(<i>R</i> *, <i>S</i> *)- α -(1-aminoethyl)benzenemethanol HS code: 2939.44 [#] CAS number: 14838-15-4
Norfentanyl ² Norfentanyl Norfentanilo	(Propanamide, <i>N</i> -phenyl- <i>N</i> -4-piperidinyl-) HS code: 2933.39 CAS number: 1609-66-1

² 4-AP, 1-boc-4-AP and norfentanyl were included in Table 1 of the 1988 Convention effective 23 November 2022.

³ 3,4-MDP-2-P methyl glycidic acid, its methyl ester, and APAA were included in Table 1 of the 1988 Convention effective 19 November 2019.

⁴ MAPA was included in Table 1 of the 1988 Convention effective 3 November 2020.

N-Phenethyl-4-piperidone (NPP) N-Phénéthyl-4-pipéridone N-Fenetil-4-piperidona	(1-(2-phenylethyl)-piperidin-4-one) HS code: 2933.37 CAS number: 39742-60-4
Phenylacetic acid Acide phénylacétique Acido fenilacético	(benzeneacetic acid) HS code: 2916.34 CAS number: 103-82-2
alpha-Phenylacetoacetamide (APAA) ³ alfa-fenilacetoacetamida alpha-phénylacétoacétamide	(benzeneacetamide, α-acetyl-) HS code: 2924.29 CAS number: 4433-77-6
alpha-Phenylacetoacetonitrile (APAAN) α-Phénylacétoacétonitrile α-Fenilacetoacetonitrilo	(3-oxo-2-phenylbutanenitrile) HS code: 2926.40 CAS number: 4468-48-8
N-Phenyl-4-piperidinamine (4-AP) ² N-phényl-4-pipéridinamine N-fenil-4-piperidinamina	(4-Piperidinamine, N-phenyl-) HS code: 2933.39 CAS number: 23056-29-3
1-Phenyl-2-propanone Phényl-1 propanone-2 1-Fenil-2-propanona	(1-phenyl-2-propanone) HS code: 2914.31 CAS number: 103-79-7
Piperonal Pipéronal Piperonal	(1,3-benzodioxole-5-carboxaldehyde) HS code: 2932.93 CAS number: 120-57-0
Potassium permanganate Permanganate de potassium Permanganato potásico	(permanganic acid (HMnO₄), potassium salt) HS code: 2841.61 CAS number: 7722-64-7
Pseudoephedrine Pseudoéphédrine Seudoefedrina	([S-(R*,R*)]-α-[1-(methylamino)ethyl]-benzenemethanol) HS code: 2939.42 [#] CAS number: 90-82-4
Safrole Safrole Safrol	(1,3-benzodioxole,5-(2-propenyl)-) HS code: 2932.94 CAS number: 94-59-7

The salts of the substances listed in this Table whenever the existence of such salts is possible.

[#] Since January 2017, the World Customs Organization's *Harmonized System (HS) Nomenclature* includes new code numbers for pharmaceutical preparations containing ephedrine, pseudoephedrine and norephedrine, as follows:

- 3003.41 – Containing ephedrine or its salts
- 3003.42 – Containing pseudoephedrine (INN) or its salts
- 3003.43 – Containing norephedrine or its salts
- (Note: subheading 3003 concerns medications in bulk)
- 3004.41 – Containing ephedrine or its salts
- 3004.42 – Containing pseudoephedrine (INN) or its salts
- 3004.43 – Containing norephedrine or its salts
- (Note: subheading 3004 concerns retail medications)

SUBSTANCES INCLUDED IN TABLE II

Acetone Acétone Acetona	(2-propanone) HS code: 2914.11 CAS number: 67-64-1
Anthranilic acid Acide anthranilique Acido antranílico	(2-aminobenzoic acid) HS code: 2922.43 CAS number: 118-92-3
Ethyl ether Ether éthylique Eter etílico	(1,1'-oxybis[ethane]) HS code: 2909.11 CAS number: 60-29-7
Hydrochloric acid⁵ Acide chlorhydrique Acido clorhídrico	(hydrochloric acid) HS code: 2806.10 CAS number: 7647-01-0
Methyl ethyl ketone Méthyléthylcétone Metiletilcetona	(2-butanone) HS code: 2914.12 CAS number: 78-93-3
Piperidine Pipéridine Piperidina	(piperidine) HS code: 2933.32 CAS number: 110-89-4
Sulphuric acid⁵ Acide sulfurique Acido sulfúrico	(sulfuric acid) HS code: 2807.00 CAS number: 7664-93-9
Toluene Toluène Tolueno	(benzene, methyl-) HS code: 2902.30 CAS number: 108-88-3

The salts of the substances listed in this Table whenever the existence of such salts is possible.

⁵ The salts of hydrochloric acid and sulphuric acid are specifically excluded from Table II.

PART TWO: CHEMICAL NAMES, SYNONYMS AND TRADE NAMES, ETC., OF SCHEDULED SUBSTANCES AND THEIR SALTS, IN ALPHABETICAL ORDER

The names of substances as given in the 1988 Convention are printed in **bold type**. They are accompanied by a reference to whether the related substances are scheduled in Table I or Table II of the 1988 Convention, as detailed in PART ONE.

Listed chemical names, synonyms and trade names apply sometimes to pure substances and sometimes to the salts of those substances. In all such cases, reference is made to the substance name as given in PART ONE. Commercial products identified by their trade names usually contain a scheduled substance mixed with one or more other ingredients. As indicated in the Introduction it is understood that the names of the substances, as given in the Tables of the Convention, cover all isomeric forms of the substances.

The list does not assume to be comprehensive. The absence of any chemical name, synonym or trade name, etc., for a scheduled substance does not necessarily mean that the substance with that name is not under international control. Further, it should be noted that the same name, particularly common or trade names, may be used for different substances in different countries. In cases where ambiguity may occur, it is recommended that the name of the substance in question should always be checked against the chemical designation or formula.

All chemical names, synonyms and trade names are listed alphabetically wherever possible. Chemical names with a prefix are included at the respective alphabetical position of the substance itself. Thus, for example,

N-acetylaminobenzoic acid is listed under “a”,
tert-butyl 4-(phenylamino)piperidine-1-acid is listed under “b”,
trans-ephedrine is listed under “e”,
D-lysergic acid is listed under “l”,
1,2-methylenedioxy-4-allyl-benzene is listed under “m”,
alpha-phenylacetoacetamide is listed under “p”,
(+)-pseudoephedrine is listed under “p”, and
 α -toluic acid is listed under “t”, etc.

Name

N-AAA
 2-Acetamidobenzoic acid
 o-Acetamidobenzoic acid
 ortho-Acetamidobenzoic acid
 Acetanhydride
 Acetic acid, anhydride
Acetic anhydride
 Acetic oxide
 Aceton, -a, -e, -um
alpha-Aceto-*alpha*-cyanotoluene
Acetone
 Acétone
 Acetonersatz
 Acetylbenzene
 5-Acetyl-1,3-benzodioxole
 1-(Acetyl)-3,4-methylenedioxybenzene
 Acetyl acetate
N-Acetylaminobenzoic acid
 2-Acetylaminobenzoic acid
 o-Acetylaminobenzoic acid
 1-Acetyl-amino-2-carboxybenzene
 Acetyl anhydride
***N*-Acetylanthranilic acid**
 α -Acetylbenzene acetmide
 2-Acetyl-benzeneacetoneitrile
 Acetyl ether
 Acetyl oxide
alpha-Acetyl phenylacetoneitrile
 2-Acetyl-2-phenylacetoneitrile
 α -Acetyl- α -toluamide
alpha-Acetyl-*alpha*-tolunitrile
 Acide *N*-acétylanthranilique
 Acide 2-aminobenzöique
 Acide o-aminobenzöique
 Acide anthranilique
 Acide benzéne acétique
 Acide chlorhydrique
 Acide ergoline-8 β -carboxylique, didéhydro
 -9,10-méthyl-6-
 Acide indolo (4,3-fg)-quinoline, ergoline-8-carboxylique
 Acide lysergique
 Acide lysergique 2-hydroxy-1-méthyléthylamide
 Acide lysergique 2-propanolamide
 Acide méthylglycidique de 3,4-MDP-2-P
 Acide phénylacétique
 Acide sulfurique
 Acide α -toluïque
 Acido *N*-acetilantranílico
 Acido orto-aminobenzoico
 Acido antranílico
 Acido bencenoacetico
 Acido clorhidrico
 Acido fenilacético
 Acido lisérgico
 Ácido 3,4-MDP-2-P-metilglicídico
 Acido piroacetico
 Acido sulfúrico
 Acido α -toloico
 Acidum hydrochloricum (concentratum)
 Actifed
 Acutrim
 Adiret
 Aether anaestheticus
 Afrinol
 Allent

Substance

N-Acetylanthranilic acid
N-Acetylanthranilic acid
N-Acetylanthranilic acid
N-Acetylanthranilic acid
 Acetic anhydride
 Acetic anhydride
see Table I
 Acetic anhydride
 Acetone
alpha-Phenylacetoacetoneitrile
see Table II
 Acetone
 Methyl ethyl ketone
 1-Phenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 Acetic anhydride
N-Acetylanthranilic acid
N-Acetylanthranilic acid
N-Acetylanthranilic acid
N-Acetylanthranilic acid
 Acetic anhydride
see Table I
alpha-Phenylacetoacetamide
alpha-Phenylacetoacetoneitrile
 Acetic anhydride
 Acetic anhydride
alpha-Phenylacetoacetoneitrile
alpha-Phenylacetoacetoneitrile
alpha-Phenylacetoacetamide
alpha-Phenylacetoacetoneitrile
N-Acetylanthranilic acid
 Anthranilic acid
 Anthranilic acid
 Anthranilic acid
 Phenylacetic acid
 Hydrochloric acid

 Lysergic acid
 Lysergic acid
 Lysergic acid
 Ergometrine
 Ergometrine
 3,4-MDP-2-P methyl glycidic acid
 Phenylacetic acid
 Sulphuric acid
 Phenylacetic acid
N-Acetylanthranilic acid
 Anthranilic acid
 Anthranilic acid
 Phenylacetic acid
 Hydrochloric acid
 Phenylacetic acid
 Lysergic acid
 3,4-MDP-2-P methyl glycidic acid
 Acetone
 Sulphuric acid
 Phenylacetic acid
 Hydrochloric acid
 Pseudoephedrine
 Norephedrine
 Norephedrine
 Ethyl ether
 Pseudoephedrine
 Pseudoephedrine

<i>Name</i>	<i>Substance</i>
5-Allyl-1,3-benzodioxole	Safrole
Allylcatechol methylene ether	Safrole
Allyldioxybenzene methylene ether	Safrole
1-Allyl-3,4-methylenedioxybenzene	Safrole
4-Allyl-1,2-methylenedioxybenzene	Safrole
<i>m</i> -Allylpyrocatechin methylene ether	Safrole
4-Allylpyrocatechol formaldehyde acetal	Safrole
Allylpyrocatechol methylene ether	Safrole
Ambenyl-D	Pseudoephedrine
Amfed TD	Norephedrine
2-Aminobenzoic acid	Anthranilic acid
<i>o</i> -Aminobenzoic acid	Anthranilic acid
ortho-Aminobenzoic acid	Anthranilic acid
1-Amino-2-carboxybenzene	Anthranilic acid
α -(1-Aminoethyl) benzylalcohol	Norephedrine
4-Aminophenyl-1-phenethylpiperidine	4-Anilino- <i>N</i> -phenethylpiperidine
2-Amino-1-phenyl-1-propanol	Norephedrine
Anaesthetic ether	Ethyl ether
4-ANBocP	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
Anesthesia ether	Ethyl ether
Anhídrido acético	Acetic anhydride
Anhídrido etanoico	Acetic anhydride
Anhydride acétique	Acetic anhydride
Anhydride éthanoïque	Acetic anhydride
4-Anilino-1-boc-piperidine	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
4-Anilino- <i>N</i> -fenetilpiperidina	4-Anilino- <i>N</i> -phenethylpiperidine
4-Anilino-1-phenethylpiperidine	4-Anilino- <i>N</i> -phenethylpiperidine
4-Anilino-1-(2-phenethyl)piperidine	4-Anilino- <i>N</i> -phenethylpiperidine
4-Anilino-1-(β -phenethyl)piperidine	4-Anilino- <i>N</i> -phenethylpiperidine
4-Anilino-<i>N</i>-phenethylpiperidine	see Table I
4-Anilino- <i>N</i> -phénéthylpipéridine	4-Anilino- <i>N</i> -phenethylpiperidine
4-Anilinopiperidine	<i>N</i> -Phenyl-4-piperidinamine
ANPP	4-Anilino- <i>N</i> -phenethylpiperidine
4-ANPP	4-Anilino- <i>N</i> -phenethylpiperidine
Anthranilic acid	see Table II
<i>o</i> -Anthranilic acid	Anthranilic acid
Anthranilic acid, <i>N</i> -acetyl	<i>N</i> -Acetylanthranilic acid
Antisal 1A	Toluene
APAA	<i>alpha</i> -Phenylacetoacetamide
APAAN	<i>alpha</i> -Phenylacetoacetoneitrile
Appedrine	Norephedrine
Arconovina	Ergometrine
Astmaphedrine	Ephedrine
Atridine	Pseudoephedrine
Avetol	Ergotamine
Azacyclohexane	Piperidine
Azijnzuur anhydride	Acetic anhydride
BMK	1-Phenyl-2-propanone
BMK intermediate B	<i>alpha</i> -Phenylacetoacetamide
Basergin, -e	Ergometrine
Bellergal	Ergotamine
Benafed	Pseudoephedrine
Benazma	Pseudoephedrine
Benylin	Pseudoephedrine
Benzeneacetamide, α -acetyl	<i>alpha</i> -Phenylacetoacetamide
Benzeneacetamide, <i>alpha</i> -acetyl	<i>alpha</i> -Phenylacetoacetamide
Benzeneacetic acid	Phenylacetic acid
Benzeneacetic acid, <i>alpha</i> -acetyl, methyl ester	methyl <i>alpha</i> -phenylacetoacetate
Benzeneacetoneitrile, <i>alpha</i> -acetyl	<i>alpha</i> -Phenylacetoacetoneitrile
Benzene, 4-allyl-1,2-(methylenedioxy)	Safrole
Benzenemethanol, α -[1-(methylamino)ethyl]-, [R-(R*,S*)]-	Ephedrine
Benzenemethanol, α -[1-(methylamino)ethyl]-, [S-(R*,R*)]-	Pseudoephedrine
Benzene, methyl-	Toluene

<i>Name</i>	<i>Substance</i>
Benzene-1,2-(methylenedioxy)-4-allyl-	Safrole
Benzene-1,2-(methylenedioxy)-4-propenyl-	Isosafrole
1,3-Benzodioxal-5-yl-propan-2-one	3,4-Methylenedioxyphenyl-2-propanone
1,3-Benzodioxole-5-carbaldehyde	Piperonal
1,3-Benzodioxole-5-carboxaldehyde	Piperonal
1,3-Benzodioxole, 5-(1-propenyl)-	Isosafrole
1,3-Benzodioxole, 5-(2-propenyl)-	Safrole
3-(Benzo[<i>d</i>][1,3]dioxol-5-yl)-2-methyloxirane-2-carboxylic acid	3,4-MDP-2-P methyl glycidic acid
3-(2H-1,3-Benzodioxol-5-yl)-2-methyloxirane-2-carboxylic acid	3,4-MDP-2-P methyl glycidic acid
3-(1,3-Benzodioxol-5-yl)-2-methyl-2-oxiranecarboxylic acid	3,4-MDP-2-P methyl glycidic acid
3-(1,3-Benzodioxol-5-yl)-2-methyl-2-oxiranecarboxylic acid, methyl ester	3,4-MDP-2-P methyl glycidate
1-(1,3-Benzodioxol-5-yl)-2-propanone	3,4-Methylenedioxyphenyl-2-propanone
1-(1,3-Benzodioxol-5-yl)-propan-2-one	3,4-Methylenedioxyphenyl-2-propanone
Benzoic acid, 2-(acetylamino)-	<i>N</i> -Acetylanthranilic acid
<i>N</i> -(5-(Benzyl-10b-hydroxy-2-methyl)-3,6-dioxoperhydro-oxazolo-(3,2-a)-pyrrolo(2,1c)pyrazin-2-yl)- <i>D</i> -lysergamide	Ergotamine
5'-Benzyl-12'-hydroxy-2'-methylergotaman-3',6',18-trione	Ergotamine
Benzyl methyl ketone	1-Phenyl-2-propanone
Biophedrin	Ephedrine
BMK	1-Phenyl-2-propanone
BMK intermediate B	<i>alpha</i> -Phenylacetoacetamide
1-Boc-4-anilinopiperidine	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
Boc-4-AP	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
<i>N</i> -Boc-4-AP	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
1-Boc-4-(phenylamino)piperidine	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
BOV	Sulphuric acid
Brexin	Pseudoephedrine
Butane-2-one	Methyl ethyl ketone
Butanone	Methyl ethyl ketone
Butanone-2	Methyl ethyl ketone
2-Butanone	Methyl ethyl ketone
3-Butanone	Methyl ethyl ketone
<i>tert</i> -Butyl 4-anilinopiperidine-1-carboxylate	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
<i>tert</i>-Butyl 4-(phenylamino)piperidine-1-carboxylate	see Table I
Cafergot	Ergotamine
Cairox	Potassium permanganate
Caniphedrin, -e	Ephedrine
2-Carboxyacetanilide	<i>N</i> -Acetylanthranilic acid
Carboxyanilin, -e	Anthranilic acid
2-Carboxyanilin, -e	Anthranilic acid
<i>o</i> -Carboxyaniline	Anthranilic acid
ortho-Carboxyaniline	Anthranilic acid
Cenafed	Pseudoephedrine
Cetona	Acetone
Chameleon mineral	Potassium permanganate
Cheston	Pseudoephedrine
Chlorhydric acid	Hydrochloric acid
Chlorowodor	Hydrochloric acid
Chlor-trimeton Decongestant	Pseudoephedrine
CI 77755	Potassium permanganate
Coldecon	Norephedrine
Condy's crystals	Potassium permanganate
Congestac	Pseudoephedrine
Congesteze	Pseudoephedrine
Control	Norephedrine

<i>Name</i>	<i>Substance</i>
Cornocentin, -e	Ergometrine
Cornutamin	Ergotamine
Co-Tylenol	Pseudoephedrine
CP-25	Toluene
Cryovinal	Ergometrine
1-Cyano-1-phenyl-2-propanone	<i>alpha</i> -Phenylacetoacetonitrile
Cyclopentimine	Piperidine
Cypentyl	Piperidine
DAM-57	Lysergic acid
Daycare	Pseudoephedrine
Decofed	Pseudoephedrine
Deconamine	Pseudoephedrine
Decongestant Syrup	Pseudoephedrine
Depropionyl fentanyl	4-Anilino- <i>N</i> -phenethylpiperidine
Despropionyl fentanyl	4-Anilino- <i>N</i> -phenethylpiperidine
Despropionyl norfentanyl	<i>N</i> -Phenyl-4-piperidinamine
Dex-A-Diet	Norephedrine
Dexatrim	Norephedrine
Dextrolysergic acid levo-2-propanolamine	Ergometrine
D-Feda	Pseudoephedrine
Diadax	Norephedrine
9,10-Didehydro- <i>N</i> -(2-hydroxy-1-methylethyl)-6-methylergoline-8 β -carboxamide	Ergometrine
9,10-Didehydro- <i>N</i> -[(<i>S</i>)-2-hydroxy-1-methylethyl]-6-methylergoline-8 β -carboxamide	Ergometrine
[8 β (<i>S</i>)]-9,10-Didehydro- <i>N</i> -(2-hydroxy-1-methylethyl)-6-methylergoline-8 β -carboxamide	Ergometrine
9,10-Didehydro-6-methylergoline-8 β -carboxylic acid	Lysergic acid
(8 β)-9,10-Didehydro-6-methylergoline-8-carboxylic acid	Lysergic acid
Diethoxyethane	Ethyl ether
Diethyl ether	Ethyl ether
Diethyl oxide	Ethyl ether
Diet Plan with Diadax	Norephedrine
Diet Aid	Norephedrine
3,4-Dihydroxybenzaldehyde methylene ketal	Piperonal
Dimacol	Pseudoephedrine
Diméthylcétal	Acetone
Diméthylcétone	Acetone
3,4-Dimethylenedioxybenzaldehyde	Piperonal
1,1-Dimethylethyl 4-(phenylamino)-1-piperidinecarboxylate	<i>tert</i> -Butyl 4-(phenylamino)piperidine-1-carboxylate
Diméthylformaldéhyde	Acetone
Dimethylketone	Acetone
Dioxyde d'éthyle	Ethyl ether
Dioxymethyleneprotocatechuic aldehyde	Piperonal
Dipping acid	Sulphuric acid
Disophrol	Pseudoephedrine
Dorcol	Pseudoephedrine
Drixora	Pseudoephedrine
Drixoral	Pseudoephedrine
Dwuetylowy eter	Ethyl ether
Eciphin	Ephedrine
Ectasule-minus	Ephedrine
Efedrin, -a, -e	Ephedrine
Efedron	Ephedrine
Efetonina	Ephedrine
Effergot	Ergotamine
Eggophedrin, -e	Ephedrine
Elton	Pseudoephedrine
Emprazil	Pseudoephedrine
Endrine	Ephedrine
Ephedral	Ephedrine
Ephedrate	Ephedrine
Ephedremal	Ephedrine

<i>Name</i>	<i>Substance</i>
Ephedrin, -a, -e, -um	Ephedrine
(-)-Ephedrin, -e	Ephedrine
Ephedrine	see Table I
Ephédrine	Ephedrine
l-Ephedrin, -e	Ephedrine
l(-)-Ephedrine	Ephedrine
(-)-(1R,2S)-Ephedrine	Ephedrine
(-)-erythro-Ephedrine	Ephedrine
1(R),2(S)-erythro-(-)-Ephedrine	Ephedrine
trans-Ephedrine	Pseudoephedrine
dl-Ephedrinum	Ephedrine
Ephedrital	Ephedrine
Ephedrivo	Ephedrine
Ephedrol	Ephedrine
Ephedronguent	Ephedrine
Ephedrosan	Ephedrine
Ephedrosst	Ephedrine
Ephedrotal	Ephedrine
Ephedsol	Ephedrine
Ephetonin, -e	Ephedrine
Ephoxamin	Ephedrine
Ergam	Ergotamine
Ergate	Ergotamine
Ergkatal	Ergotamine
Ergine	Lysergic acid
Ergoatetrine	Ergometrine
Ergobasine	Ergometrine
Ergocaf	Ergotamine
Ergo Caffein	Ergotamine
Ergofar	Ergometrine
Ergoklinine	Ergometrine
Ergoline-8 β -carboxamide, 9,10 didehydro- <i>N</i> -(2-hydroxy-1-methylethyl)-6-methyl-, [8 β (S)]	Ergometrine
Ergoline-8 β -carboxylic acid, 9,10-didehydro-6-methyl-	Lysergic acid
Ergomal	Ergometrine
Ergomar	Ergotamine
Ergomar "Nordson"	Ergometrine
Ergomed	Ergometrine
Ergomet	Ergometrine
Ergometrin, -a, -i, -um	Ergometrine
Ergometrine	see Table I
Ergométrine	Ergometrine
Ergometrinin, -e	Ergometrine
Ergonine	Ergometrine
Ergonovin, -e, -um	Ergometrine
Ergostabil	Ergometrine
Ergostat	Ergotamine
Ergostetrine	Ergometrine
Ergotaman-3',6',18'-trione,12'-hydroxy-2'-methyl-5'-(phenylmethyl)-,(5' α)	Ergotamine
Ergotamin, -a, -i, -um	Ergotamine
Ergotamine	see Table I
Ergotaminine	Ergotamine
Ergotan	Ergotamine
Ergotan-A	Ergotamine
Ergotartrat	Ergotamine
Ergotatropin	Ergotamine
Ergotocine	Ergometrine
Ergoton-A	Ergotamine
Ergoton-B	Ergometrine
Ergotrate	Ergometrine
Ermalate	Ergometrine
Ermetrin, -e	Ergometrine
Esprit pyroligneux	Acetone
Etér etílico	Ethyl ether

Name

Eter sulfurico
 Ethane,1,1'-oxybis-
 Ethane oxyéthane
 Ethanoic acid anhydride
 Ethanoic anhydrate
 Ethanoic anhydride
 Ether
 Ether éthylique
 Ether pro narcosi
 Ether sulfurique
 Ethoxyethane
Ethyl ether
 Ethyl methyl ketone
 Ethyl oxide
 Etin
 Exmigra
 Exmigrex
 Fasupond
 Feda
 D-Feda
 Fedahist
 Fedrazil
 Fedrine
 Fema No. 2878
 Femergin
 N-Fenetil-4-piperidona
alfa-Fenilacetoacetamida
 α -Fenilacetoacetonitrilo
 Fenilpropanolamina
 1-Fenil-2-propanona
 Fentanyl impurity B
 First Sign
 5-Formylbenzodioxole
 5-Formyl-1,3-benzodioxole
 Fugoa
 Fugoa N
 Galpseud
 Geliotropin
 Glycidic acid, 2-methyl-3-[3,4-(methylenedioxy)phenyl]-
 Glycidic acid, 2-methyl-3-[3,4-(methylenedioxy)phenyl]-,
 methyl ester
 Gotamine
 Gynergen
 Halin
 Halofed
 Heliotropin, -e
 Help
 Hemogen
 4,6,6a,7,8,9-Hexahydro-7-methylindole[4,3-fg]quinoline-
 9-carboxylic acid
 (6aR,9R)-4,6,6a,7,8,9-Hexahydro-N-[(2S)-1-hydroxyprop-
 2-yl]-7-methyl-indolo[4,3-fg]quinoline-9-carboxamide
 Hexahydropyridin, -e
 Hexazane
 Histalet
Hydrochloric acid
 Hydrochloride acid
 Hydrogen chloride (aqueous)
 Hydroot
 1-Hydroxy-2-methylamino-1-phenylpropane
 α -Hydroxy- β -methylaminopropylbenzene

 Hydroxymethylethyllysergamide
 N-[1-(Hydroxymethyl)ethyl]-D-lysergamide
 N-(2-Hydroxy-1-methylethyl)-D(+)-lysergamide

Substance

Ethyl ether
 Ethyl ether
 Ethyl ether
 Acetic anhydride
 Acetic anhydride
 Acetic anhydride
 Ethyl ether
 Ethyl ether
 Ethyl ether
 Ethyl ether
 Ethyl ether
see Table II
 Methyl ethyl ketone
 Ethyl ether
 Ergotamine
 Ergotamine
 Ergotamine
 Norephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Ephedrine
 Phenylacetic acid
 Ergotamine
 N-phenethyl-4-piperidone
alpha-Phenylacetoacetamide
alpha-Phenylacetoacetonitrile
 Norephedrine
 1-Phenyl-2-propanone
 Norfentanyl
 Pseudoephedrine
 Piperonal
 Piperonal
 Norephedrine
 Norephedrine
 Pseudoephedrine
 Piperonal
 3,4-MDP-2-P methyl glycidic acid

 3,4-MDP-2-P methyl glycidate
 Ergotamine
 Ergotamine
 Pseudoephedrine
 Pseudoephedrine
 Piperonal
 Norephehrine
 Ergometrine

 Lysergic acid

 Ergometrine
 Piperidine
 Piperidine
 Pseudoephedrine
see Table II
 Hydrochloric acid
 Hydrochloric acid
 Sulphuric acid
 Ephedrine
 Ephedrine
 Pseudoephedrine
 Ergometrine
 Ergometrine
 Ergometrine

<i>Name</i>	<i>Substance</i>
<i>N</i> -[(<i>S</i>)-2-Hydroxy-1-methylethyl]lysergamide	Ergometrine
<i>N</i> -[(<i>S</i>)-2-Hydroxy-1-methylethyl]- <i>D</i> -lysergamide	Ergometrine
<i>N</i> -[α -(Hydroxymethyl)ethyl]- <i>D</i> -lysergamide	Ergometrine
(α R, β R)- β -Hydroxy- α -methylphenethyl- <i>N</i> -methylammonium chloride	Pseudoephedrine
(+)-(α S, β S)- β -Hydroxy- α -methylphenethyl- <i>N</i> -methylammonium chloride	Pseudoephedrine
12'-Hydroxy-2'-methyl-5' α -(phenylmethyl)-ergotaman-3',6',18-trione	Ergotamine
12'-Hydroxy-2'-methyl-3',6',18-trioxo-5-benzylergotaman	Ergotamine
(5' <i>S</i>)-12'-Hydroxy-2'-methyl-3',6',18-trioxo-5-benzylergotaman-(+)-	Ergotamine
(-)-(1 <i>R</i> ,2 <i>S</i>)- <i>N</i> -(1-Hydroxy-1-phenylprop-2-yl)- <i>N</i> -methylammonium HCl	Ephedrine
Hydroxypropyllysergamide	Ergometrine
(+)- <i>N</i> -[(2 <i>S</i>)-1-Hydroxyprop-2-yl]- <i>D</i> -lysergamide	Ergometrine
Indolo-(4,3- <i>fg</i>)-quinoline, ergotamin-3',6',18-trione	Ergotamine
Intensin	Pseudoephedrine
IPK-1	3,4-MDP-2-P methyl glycidate
IPK-2	3,4-MDP-2-P methyl glycidic acid, sodium salt
I-Sedrin	Ephedrine
Isoclor	Pseudoephedrine
Isoephedrine	Pseudoephedrine
<i>d</i> -Isoephedrine	Pseudoephedrine
Isofedrin	Pseudoephedrine
Isofedrol	Ephedrine
Isolysergic acid	Lysergic acid
Iso-phedrizein	Ephedrine
Isosafrol	Isosafrole
Isosafrole	see Table I
Kalii Permanganas	Potassium permanganate
Kaliumpermanganat	Potassium permanganate
Ketobutan	Methyl ethyl ketone
3-Keto-2-phenyl-butynamide	<i>alpha</i> -Phenylacetoacetamide
3-Keto-2-phenylbutyric acid methyl ester	methyl <i>alpha</i> -phenylacetoacetate
β -Ketonepropane	Acetone
β -Ketopropane	Acetone
Kontexin	Norephedrine
Kratedyn	Ephedrine
Kronofed-A	Pseudoephedrine
Lantrate	Ergotamine
Lexofedrin	Ephedrine
Lexophedrine	Ephedrine
Linctifed	Pseudoephedrine
Lingraine	Ergotamine
Lingr�n	Ergotamine
Lingrene	Ergotamine
Lysergic acid	see Table I
<i>D</i> -Lysergic acid	Lysergic acid
(+)-Lysergic acid	Lysergic acid
<i>D</i> (+)-Lysergic acid	Lysergic acid
<i>D</i> (+)-Lysergic acid- β -hydroxyisopropylamide	Ergometrine
<i>D</i> -Lysergic acid 1-(hydroxymethyl)ethylamide	Ergometrine
<i>D</i> -Lysergic acid 2-hydroxy-1-methylethylamide	Ergometrine
<i>D</i> -Lysergic acid-1,2-propanolamide	Ergometrine
Margonovine	Ergometrine
Matting acid	Sulphuric acid
Maxiphed	Pseudoephedrine
MDP2P	3,4-Methylenedioxyphenyl-2-propanone
3,4-MDP-2-P	3,4-Methylenedioxyphenyl-2-propanone
3,4-MDP-2-P methyl glycidate	see Table I
3,4-MDP-2-P methyl glycidic acid	see Table I
3,4-MDP-2-P-metilglicidato	3,4-MDP-2-P methyl glycidate
MEC	Methyl ethyl ketone
Medihaler-Ergotamine	Ergotamine

Name

MEETCO
 MEK
 Methacid, -e
 Methane, phenyl-
 Methyl acetone
 Methyl α -acetylphenylacetate
 Methyl *alpha*-acetylphenylacetate
Methyl *alpha*-phenylacetoacetate
 [R-(R*,S*)]- α -[1-(Methylamino)ethyl]benzenemethanol
 [S-(R*,R*)]- α -[1-(Methylamino)ethyl]benzenemethanol
 α -[1-(Methylamino)ethyl]benzene methanol

 α -[1-(Methylamino)ethyl]benzyl alcohol

 1- α -[1-(Methylamino)ethyl]benzyl alcohol
 dl- α -[1-(Methylamino)ethyl]benzyl alcohol
 2-Methylamino-1-phenyl-1-propanol

 2-Methylamino-1-phenylpropan-1-ol
 2-Methylamino-1-phenylpropanol
 (1R,2S)-2-Methylamino-1-phenyl-1-propanol
 (1R,2S)-2-Methylamino-1-phenylpropan-1-ol
 (+)-2-Methylamino-1-phenylpropan-1-ol
 (+)-(1S,2R)-2-(Methylamino)-1-phenyl-1-propanol
 (+)-(1S,2S)-2-(Methylamino)-1-phenylpropan-1-ol
 DL-threo-2-(Methylamino)-1-phenylpropan-1-ol
 Methylbenzene
 Methyl 3-(benzo[*d*][1,3]dioxol-5-yl)-2-methyloxirane-2-carboxylate
 Methyl 3-(1,3-benzodioxol-5-yl)-2-methyl-2-oxiranecarboxylate
 Methylbenzol
 Methyl benzyl ketone
 Methyl ketone
 1,2-Methylenedioxy-4-allyl-benzene
 3,4-Methylenedioxy-allylbenzene
 3,4-(Methylenedioxy)benzaldehyde
 3,4-Methylenedioxybenzyl methyl ketone
 3,4-Methylenedioxy-4-(isopropenyl)-benzene
 3,4-Methylenedioxyphenylacetone
 3-[3',4'-(Methylenedioxy)phenyl]-2-methyl glycidic acid
3,4-Methylenedioxyphenyl-2-propanone
 1-(3,4-Methylenedioxyphenyl)-2-propanone
 Méthylènedioxy-3,4-phényl propanone-2
 1,2-(Methylenedioxy)-4-propenylbenzene
 1,2-(Methylenedioxy)-4-propen-2-ylbenzene
 3,4-(Methylenedioxy)-1-propenylbenzene
 Méthyléthylcétone
Methyl ethyl ketone
 Méthylglycidate de 3,4-MDP-2-P
 Methyl 3-[3',4'-(methylenedioxy)phenyl]-2-methyl glycidate
 2-Methyl-3-(3,4-methylenedioxy)phenyl-2-oxiranecarboxylic acid
 2-Methyl-3-(3,4-methylenedioxy)phenyl-2-oxiranecarboxylic acid, methyl ester
 N-Methylnorephedrine
 Methyl 3-oxo-2-phenylbutanoate
 Methyl 3-oxo-2-phenylbutyrate
 Methyl 2-phenylacetoacetate
Methyl *alpha*-phenylacetoacetate
 Methyl piperonyl ketone
 3,4-Metilendioxifenil-2-propanona
 Metiletilcetona
 Metriclavin, -e

Substance

Methyl ethyl ketone
 Methyl ethyl ketone
 Toluene
 Toluene
 Methyl ethyl ketone
 methyl *alpha*-phenylacetoacetate
 methyl *alpha*-phenylacetoacetate
see Table I
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Ephedrine
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Ephedrine
 Ephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Toluene

 3,4-MDP-2-P methyl glycidate

 3,4-MDP-2-P methyl glycidate
 Toluene
 1-Phenyl-2-propanone
 Acetone
 Safrole
 Safrole
 Piperonal
 3,4-Methylenedioxyphenyl-2-propanone
 Isosafrole
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-MDP-2-P methyl glycidic acid
see Table I
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 Isosafrole
 Isosafrole
 Isosafrole
 Methyl ethyl ketone
see Table II
 3,4-MDP-2-P methyl glycidate

 3,4-MDP-2-P methyl glycidate

 3,4-MDP-2-P methyl glycidic acid

 3,4-MDP-2-P methyl glycidate
 Ephedrine
 methyl *alpha*-phenylacetoacetate
 methyl *alpha*-phenylacetoacetate
 methyl *alpha*-phenylacetoacetate
see Table I
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 Methyl ethyl ketone
 Ergometrine

<i>Name</i>	<i>Substance</i>
Metrisanol	Ergometrine
Migral Rigetamine	Ergotamine
Migretamine	Ergotamine
Migril	Ergotamine
Migwell	Ergotamine
Minims ephedrine (hydrochloride)	Ephedrine
MMDMG	3,4-MDP-2-P methyl glycidate
Monydrin	Norephedrine
Mucorama	Norephedrine
Muriatic acid	Hydrochloric acid
Mydriatin	Norephedrine
Myfedrine	Pseudoephedrine
Naldegesic	Pseudoephedrine
Narixan	Pseudoephedrine
Nasa-12	Pseudoephedrine
Nasol	Ephedrine
NCI-CO1730	Anthranilic acid
NCI-CO7272	Toluene
NCI-C55652	Ephedrine
Neo-ergotin	Ergotamine
Neofed	Pseudoephedrine
Neofemergen	Ergometrine
Nordhausen acid	Sulphuric acid
Norephedrine	See Table I
Norfentanyl	See Table I
Neo-Femergen	Ergometrine
Novafed 120	Pseudoephedrine
Novahistine	Pseudoephedrine
Novergo	Ergometrine
NPP	<i>N</i> -phenethyl-4-piperidone
NSC 80678	<i>N</i> -Phenyl-4-piperidinamine
NSC 89293	Norfentanyl
Obestat	Norephedrine
Octowy bezwodnik	Acetic anhydride
Oil of Vitriol	Sulphuric acid
Oranyl	Pseudoephedrine
Otrinol	Pseudoephedrine
3-Oxapentane	Ethyl ether
8H-Oxazolo(3,2-a)pyrrolole(2,1-c)pyrazine, ergotam- 3',6',18-trione	Ergotamine
Oxido acetico	Acetic anhydride
Oxido de acetilo	Acetic anhydride
2-Oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)- 2-methyl-	3,4-MDP-2-P methyl glycidic acid
2-Oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)- 2-methyl-, methyl ester	3,4-MDP-2-P methyl glycidate
Oxiranecarboxylic acid, 2-methyl-3-(3,4-methylenedioxy) phenyl-	3,4-MDP-2-P methyl glycidic acid
2-Oxobutane	Methyl ethyl ketone
3-Oxo-2-phenylbutanamide	<i>alpha</i> -Phenylacetoacetamide
3-Oxo-2-phenylbutanenitrile	<i>alpha</i> -Phenylacetoacetoneitrile
3-Oxo-2-phenylbutanoic acid methyl ester	methyl <i>alpha</i> -phenylacetoacetate
3-Oxo-2-phenylbutyronitrile	<i>alpha</i> -Phenylacetoacetoneitrile
2-Oxo-1-phenylpropyl cyanide	<i>alpha</i> -Phenylacetoacetoneitrile
Oxybisethane	Ethyl ether
1-1'-Oxybis[ethane]	Ethyl ether
Oxyde acétique	Acetic anhydride
Oxyde acétylique	Acetic anhydride
Oxyde d'éthyle	Ethyl ether
P2P	1-Phenyl-2-propanone
PAA	Phenylacetic acid
Pandril	Ephedrine
Panergal	Ergometrine
Paragesic	Pseudoephedrine
PediaCare	Pseudoephedrine

Name

Pentamethyleneamine
 Pentamethylenimin, -e
 Perhydropyridine
 Permanganate de potassium
 Permanganate of potash
 Permanganato potásico
 Permanganic acid, potassium salt
 Phenergan-D
 1-Phenethyl-*N*-phenylpiperidin-4-amine
N-(1-Phenethyl-piperidin-4-yl)-aniline
 (1-Phenethyl-piperidin-4-yl)phenylamine
 1-phenethyl-4-piperidone
***N*-Phenethyl-4-piperidone**
N-Phénéthyl-4-pipéridone
 Phenoxine
Phenylacetic acid
 2-Phenylacetic acid
 w-Phenylacetic acid
 2-Phenylacetoacetamide
 α-Phenylacetoacetamide
***alpha*-Phenylacetoacetamide**
alpha-Phénylacétoacétamide
 2-Phenyl-acetoacetic acid amide
 2-Phenylacetoacetic acid methyl ester
***alpha*-Phenylacetoacetone**
 2-Phenylacetoacetone
 α-Phénylacétoacétonitrile
 Phenylacetone
 α-Phenylacetone
 4-(Phenylamino)piperidine
 4-(Phenylamino)-1-piperidinecarboxylic acid,
 1,1-dimethylethyl ester

 1-Phenyl-2-amino-1-propanol
 Phenyl-drine
 Phenylethanoic acid
 1-(2-Phenylethyl)-4-anilinopiperidine
 1-(2-Phenylethyl)-4-phenylaminopiperidine
N-[1-(2-Phenylethyl)-4-piperidinyl]aniline
N-[1-(2-Phenylethyl)-4-piperidinyl]benzenamine
N-Phenylethyl-4-piperidinone
 1-(2-phenylethyl)piperidin-4-one
 1-(2-phenylethyl)-4-piperidone
 1-(β-phenylethyl)-4-piperidone
N-Phenylethyl-4-piperidone
 1-Phenyl-1-hydroxy-2-methylaminopropane

 Phenyl methane
 1-Phenyl-2-methylaminopropanol

 1-Phenyl-2-methylamino-1-propanol

 1-Phenyl-2-methylaminopropanol-1
 Phenylmethyl methyl ketone
 2-Phenyl-3-oxobutyric acid methyl ester
 1-Phenyl-2-oxopropane
N-Phenyl-1-(2-phenylethyl)-4-piperidinamine
N-Phenyl-1-(2-phenylethyl)piperidin-4-amine
N-Phenyl-*N*'-[1-(2-phenylethyl)]-4-piperidine
***N*-Phenyl-4-piperidinamine**
N-Phenylpiperidin-4-amine
N-Phenylpiperidin-4-yl-amine
N-Phenyl-*N*-4-piperidinylpropanamide
N-Phenyl-*N*-(4-piperidinyl)propanamide
N-Phenyl-*N*-(piperidin-4-yl)propanamide

Substance

Piperidine
 Piperidine
 Piperidine
 Potassium permanganate
 Potassium permanganate
 Potassium permanganate
 Potassium permanganate
 Pseudoephedrine
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
N-Phenethyl-4-piperidone
see Table I
N-Phenethyl-4-piperidone
 Norephedrine
see Table I
 Phenylacetic acid
 Phenylacetic acid
alpha-Phenylacetoacetamide
alpha-Phenylacetoacetamide
see Table I
alpha-Phenylacetoacetamide
alpha-Phenylacetoacetamide
 methyl *alpha*-phenylacetoacetate
see Table I
alpha-Phenylacetoacetone
alpha-Phenylacetoacetone
 1-Phenyl-2-propanone
 1-Phenyl-2-propanone
N-Phenyl-4-piperidinamine

tert-Butyl 4-(phenylamino)piperidine-1-
 carboxylate
 Norephedrine
 Norephedrine
 Phenylacetic acid
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
N-Phenethyl-4-piperidone
N-Phenethyl-4-piperidone
N-Phenethyl-4-piperidone
N-Phenethyl-4-piperidone
N-Phenethyl-4-piperidone
 Ephedrine
 Pseudoephedrine
 Toluene
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Ephedrine
 1-Phenyl-2-propanone
 methyl *alpha*-phenylacetoacetate
 1-Phenyl-2-propanone
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
 4-Anilino-*N*-phenethylpiperidine
see Table I
N-Phenyl-4-piperidinamine
N-Phenyl-4-piperidinamine
 Norfentanyl
 Norfentanyl
 Norfentanyl

Name

N-Phenyl-*N*-4-piperidinylpropionamide
N-Phenyl-*N*-(4-piperidinyl)propionamide
N-Phenyl-*N*-(piperidin-4-yl)propionamide
 Phenylpropanolamine
 Phénylpropanolamine
 Phenylpropanolaminum
 Phenyl-2-propanone
 Phényl-1 propanone-2
1-Phenyl-2-propanone
 3-Phenyl-2-propanone
 Piperidin, -a
 4-Piperidinamine, *N*-phenyl-
 4-Piperidinamine, *N*-phenyl-1-(2-phenylethyl)-
Piperidine
 Pipéridine
 Piperidine, 4-anilino-

 Piperidine, 4-anilino-1-phenethyl-
N-(Piperidine-4-yl)aniline
N-Piperidine-4-yl-*N*-phenylpropionamide
N-4-Piperidyl-propionanilide
Piperonal
 Pipéronal
 Piperonaldehyde
 Piperonylaldehyde
 Piperonyl methyl ketone
 PMK
 PMK glycidate
 PMK glycidic acid
 Polaramine
Potassium permanganate
 P2P
 Proasthmin
 Procol
 Profedrine
 Pronarcol
 Propadrine
 Propagest
 Propanamide, *N*-phenyl-*N*-4-piperidinyl-
 2-Propanon, -e
 Propanone
 Propan-2-one
 2-Propanone, 1-(1,3-benzodioxol-5-yl)-
 2-Propanone, 1-[3,4-(methylenedioxy)phenyl]-
 2-Propanone, 1-phenyl
 5-(1-Propenyl)-1,3-benzodioxole
 5-(2-Propenyl)-1,3-benzodioxole
 4-Propenylcatechol methylene ether
 4-Propenyl-1,2-methylenedioxybenzene
 4-(*N*-Propionanilido)piperidine
 4-(*N*-Propionylanilino)piperidine
 Protocatechualdehyde methylene ether
 Protocatechuic aldehyde methylene ether
Pseudoephedrine
 Pseudo-éphédrine
 d-Pseudoephedrine
 (+)-Pseudoephedrine
 L-(+)-Pseudoephedrine
 (+)-(1*S*,2*S*)-Pseudoephedrine
 Pseudoephedrine Polistirex
 Pseudofrin
 Pyroacetic acid
 Pyroacetic ether
 Quetena de metilo
 Racephedrine
 RCRA Waste Number U117

Substance

Norfentanyl
 Norfentanyl
 Norfentanyl
 Norephedrine
 Norephedrine
 Norephedrine
 1-Phenyl-2-propanone
 1-Phenyl-2-propanone
see Table I
 1-Phenyl-2-propanone
 Piperidine
N-Phenyl-4-piperidinamine
 4-Anilino-*N*-phenethylpiperidine
see Table II
 Piperidine
N-Phenyl-4-piperidinamine

 4-Anilino-*N*-phenethylpiperidine
N-phenyl-4-piperidinamine
 Norfentanyl
 Norfentanyl
see Table I
 Piperonal
 Piperonal
 Piperonal
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-MDP-2-P methyl glycidate
 3,4-MDP-2-P methyl glycidic acid
 Pseudoephedrine
see Table I
 1-Phenyl-2-propanone
 Ephedrine
 Norephedrine
 Pseudoephedrine
 Ethyl ether
 Norephedrine
 Norephedrine
 Norfentanyl
 Acetone
 Acetone
 Acetone
 3,4-Methylenedioxyphenyl-2-propanone
 3,4-Methylenedioxyphenyl-2-propanone
 1-Phenyl-2-propanone
 Isosafrole
 Safrole
 Isosafrole
 Isosafrole
 Norfentanyl
 Norfentanyl
 Piperonal
 Piperonal
see Table I
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Acetone
 Acetone
 Acetone
 Ephedrine
 Ethyl ether

Name

RCRA Waste Number U141
 RCRA Waste Number U159
 RCRA Waste Number U203
 RCRA Waste Number U220
 Repedrina
 Restaslim
 Reukap
 Rhinalair
 Rhindecon
 Rhyuno oil
 Rigetamine
 Rinexin
 Robidrine
 Robitussin
 Rocof
 Ro-Fedrin
 Rondec
 Sacietyl
 Safrol
Safrole
 Safrole MF
 Sal-Phedrine
 Salzsäure
 Samedrine
 Sancos Co
 Sanephedrine
 Schwefelsäure
 Secacornine
 Secagyn
 Secometrin, -e
 Secupan
 Seudoefedrina
 Seudotabs
 Shikimol, -e
 Sinarest
 Sine-Aid
 Sine-Off
 Sinufed
 Slim Caps
 Solvent ether
 Spaneph
 Spent sulfuric acid
 Spirit of salt
 Spirit of sulfur
 Spray-U-Thin
 Stay Trim
 Sucrets
 Sudafed
 Sudanyl
 Sudelix
 Sudomyl
 Sufedrin
 Sufrol
 Sulfuric acid
 Sulfuric ether
Sulphuric acid
 Suolelix
 Symptom 2
 Syntometriner
 Syrtussar
 Takimetrin
 TBC-5487
 Tinaroc
Toluene
 Toluène

Substance

Isosafrole
 Methyl ethyl ketone
 Safrole
 Toluene
 Pseudoephedrine
 Norephedrine
 Ephedrine
 Pseudoephedrine
 Norephedrine
 Safrole
 Ergotamine
 Norephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Norephedrine
 Safrole
see Table I
 Safrole
 Ephedrine
 Hydrochloric acid
 Ephedrine
 Pseudoephedrine
 Ephedrine
 Sulphuric acid
 Ergometrine
 Ergotamine
 Ergometrine
 Ergotamine
 Pseudoephedrine
 Pseudoephedrine
 Safrole
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Norephedrine
 Ethyl ether
 Ephedrine
 Sulphuric acid
 Hydrochloric acid
 Sulphuric acid
 Norephedrine
 Norephedrine
 Norephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Pseudoephedrine
 Sulphuric acid
 Sulphuric acid
 Ethyl ether
see Table II
 Pseudoephedrine
 Pseudoephedrine
 Ergometrine
 Norephedrine
 Ergometrine
 4-Anilino-*N*-phenethylpiperidine
 Norephedrine
see Table II
 Toluene

Name

Tolueno
 α -Toluic acid
Toluol
Tolu-sol
Toluylic acid
 α -Tolylic acid
Triocos
Triphed
Tusaphed
Tussafed
Tussifed
Tylenol
Unitrol
Ursinus
USP Fentanyl Related Compound B
USP Fentanyl Related Compound E
Uteron
Vencipon
Vitamin L
Vitamino L1
Vitriol brown oil
Vitriol, oil of
Wal-Phed
Westrim
Wigraine
Zephrol

Substance

Toluene
Phenylacetic acid
Toluene
Toluene
Phenylacetic acid
Phenylacetic acid
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
Pseudoephedrine
N-Phenyl-4-piperidinamine
4-Anilino-*N*-phenethylpiperidine
Ergometrine
Ephedrine
Anthranilic acid
Anthranilic acid
Sulphuric acid
Sulphuric acid
Pseudoephedrine
Norephedrine
Ergotamine
Ephedrine

**PART THREE: TABLE SHOWING THE PURE ANHYDROUS BASE CONTENT OF
SOME SCHEDULED SUBSTANCES IN THEIR SALT FORM**

Substance	Base or salt	Approximate pure anhydrous base content (percentage)
Ephedrine	Base hemihydrate (0.5H ₂ O)	95
	Hydrochloride	82
	Nitrate	72
	Sulphate (2 mol. base)	77
Ergometrine	Hydrochloride	90
	Maleate	74
	Oxalate	82
	Tartrate (2 mol. base)	81
Ergotamine	Hydrochloride	94
	Succinate (2 mol. base)	91
	Tartrate (2 mol. base)	89
Norephedrine	Hydrochloride	80
Piperidine	Aurichloride	20
	Bitartrate	36
	Hydrochloride	70
	Nitrate	58
	Phosphate	46
	Picrate	27
	Platinichloride (2 mol. base)	29
	Thiocyanate	59
	Pseudoephedrine	Hydrochloride
Sulphate (2 mol. base)		77

The above table of conversion factors should be used to convert quantities of scheduled substances in their salt form into quantities of pure anhydrous base.