Stat of Kuwait

General Administration of Customs

التاريخ :.....


مكتب السجل العام

قسم الترجمة

Translation Division

دولة الكويت

الإدارة العامة للجمارك

الإشارة : .....

**General Administration of Customs**
**Department of Legal Affairs**

**Code number ( )**

Customs Instructions No. 84 of 2022
Concerning precursors and chemicals frequently used in the illicit manufacture of narcotic drugs and psychotropic substances under international control (Red List)

**Director General of Customs:**

Based on the letter of the Ministry of Health - Office of the Assistant Undersecretary for Pharmaceutical and Food Control Affairs, reference No. 2274, dated 8/14/2022, registered with us in Public Register No. 4264, dated 8/15/2022, and attached herewith is the red list, which includes materials and chemicals used in non-toxic manufacturing. A project for narcotic drugs and preparations and psychotropic substances, which must be imported or exported and must obtain permission from the Ministry of Health.

Therefore, gentlemen managers are requested to inform and instruct their specialists to adhere to what was stated above and work to implement it.

**for the sake of knowledge and to act accordingly.**
**Issued on: 7/9/2022**

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الإشارة : .....

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قسم الترجمة

Translation Division

**Director general**
**of General Administration of Customs**
**Mr. Suleiman Abdulaziz al-fahad**

**Attachments:-**

. List of precursors and chemicals frequently used in the illicit manufacture of narcotic drugs and psychotropic substances under international control (Red List)

a copy to:
Project team leader
Audit Bureau team
Public Relations and Citizen Service Office: For your information - to publish instructions on the customs website.
Undersecretary of the Ministry of Information to publish instructions in the Official Gazette.
Amal: Bashayer

السجل العام
قسم الترجمة
ترجمة وطباعة: كوثر دشتي

تنويه:
إن الترجمة قد تمت لغويا دون الاعتداد بها قانونيا..
إلا عبر المكاتب القانونية المعتمدة لدي الجهات المختصة.

International Narcotics Control Board

Red List

(20th edition, January 2023)
Annex to the Annual Information on substances frequently used in the illicit manufacture of narcotic drugs and psychotropic substances (Form D)

# 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

Vienna International Centre
P.O. Box 500
1400 Vienna, Austria

V.22-10132 (E)

## 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 numbers[1], to facilitate rapid identification of all scheduled substances. Chemical Abstracts Index names are given in parentheses.

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1 The CAS numbers for the salts of the substances listed are different from those given. Therefore, a substance with a CAS

## SUBSTANCES INCLUDED IN TABLE I

**Acetic anhydride** **(acetic oxide)**
**Anhydride acétique**
**Anhídrido acético**
HS code: 2915.24 CAS number: 108-24-7

***N*-Acetylanthranilic acid** **(benzoic acid, 2-(acetylamino)-)**
**Acide *N*-acétylanthranilique**
**Acido *N*-acetilantranílico**
HS code: 2924.23 CAS number: 89-52-1

**4-Anilino-*N*-phenethylpiperidine (ANPP)** **(*N*-phenyl-1-(2-phenylethyl)piperidin-4-amine)**
**4-Anilino-*N*-phénéthylpipéridine**
**4-Anilino-*N*-fenetilpiperidina**
HS code: 2933.36 CAS number: 21409-26-7

***tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate (1-boc-4-AP)** [2] **(4-(phenylamino)-1-piperidinecarboxylic acid, 1,1 dimethylethyl ester)**
***tert*-butyl 4-(phénylamino)pipéridine-1-carboxylate**
**4-(fenilamino)piperidina-1-carboxilato de *tert*-butilo**
HS code: 2933.34 CAS number: 125541-22-2

**Ephedrine** **(|*R*-(*R**,*S**)|-α-[1-(methylamino)ethyl]-benzenemethanol)**
**Ephédrine**
**Efedrina**
HS code: 2939.41# CAS number: 299-42-3

**Ergometrine** **(ergoline-8-carboxamide,9,10-didehydro-*N*-(2-hydroxy-1-methylethyl)-6-methyl-,[8ß(*S*)])**
**Ergométrine**
**Ergometrina**
HS code: 2939.61 CAS number: 60-79-7

**Ergotamine** **(ergotaman-3',6',18'-trione, 12'-hydroxy-2'-methyl-5'-(phenylmethyl)-,(5α))**
**Ergotamine**
**Ergotamina**
HS code: 2939.62 CAS number: 113-15-5

**Isosafrole** **(1,3-benzodioxole,5-(1-propenyl)-)**
**Isosafrole**
**Isosafrol**
HS code: 2932.91 CAS number: 120-58-1

**Lysergic acid** **((8ß)-9,10-didehydro-6-methylergoline-8-carboxylic acid)**
**Acide lysergique**
**Acido lisérgico**
HS code: 2939.63 CAS number: 82-58-6

**3,4-MDP-2-P methyl glycidate** [3] **(2-oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)-2-methyl-, methyl ester)**
**Méthylglycidate de 3,4-MDP-2-P**
**3,4-MDP-2-P-metilglicidato**
HS code: 2932.99 CAS number: 13605-48-6

**3,4-MDP-2-P methyl glycidic acid** [3] **(2-oxiranecarboxylic acid, 3-(1,3-benzodioxol-5-yl)-2-methyl-)**
**Acide méthylglycidique de 3,4-MDP-2-P**
**Ácido 3,4-MDP-2-P-metilglicídico**
HS code: 2932.99 CAS number: 2167189-50-4

**3,4-Methylenedioxyphenyl-2-propanone** **(2-propanone,1-[3,4(methylenedioxy)phenyl]-)**
**Méthylènedioxyphényl-3,4 propanone-2**
**3,4-Metilendioxifenil-2-propanona**
HS code: 2932.92 CAS number: 4676-39-5

**Methyl *alpha*-phenylacetoacetate (MAPA)** [4] **(methyl 3-oxo-2-phenylbutanoate)**
**Méthyl *alpha*-phénylacétoacétate**
***alfa*-Fenilacetoacetato de metilo (MAPA)**
HS code: 2918.30 CAS number: 16648-44-5

**Norephedrine** **(R*,S*)-α-(1-aminoethyl)benzenemethanol**
**Norephédrine**
**Norefedrina**
HS code: 2939.44# CAS number: 14838-15-4

**Norfentanyl** [2] **(Propanamide, *N*-phenyl-*N*-4-piperidinyl-)**
**Norfentanyl**
**Norfentanilo**
HS code: 2933.39 CAS number: 1609-66-1

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[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 2 November 2020.

| | |
|---|---|
| ***N*-Phenethyl-4-piperidone (NPP)**<br>***N*-Phénéthyl-4-pipéridone**<br>***N*-Fenetil-4-piperidona** | **(1-(2-phenylethyl)-piperidin-4-one)**<br>HS code: 2933.37 CAS number: 39742-60-4 |
| **Phenylacetic acid**<br>**Acide phénylacétique**<br>**Acido fenilacético** | **(benzeneacetic acid)**<br>HS code: 2916.34 CAS number: 103-82-2 |
| ***alpha*-Phenylacetoacetamide (APAA)** [3]<br>***alfa*-fenilacetoacetamida**<br>***alpha*-phénylacétoacétamide** | **(benzeneacetamide, α-acetyl-)**<br>HS code: 2924.29 CAS number: 4433-77-6 |
| ***alpha*-Phenylacetoacetonitrile (APAAN)**<br>**α-Phénylacétoacétonitrile**<br>**α-Fenilacetoacetonitrilo** | **(3-oxo-2-phenylbutanenitrile)**<br>HS code: 2926.40 CAS number: 4468-48-8 |
| ***N*-Phenyl-4-piperidinamine (4-AP)** [2]<br>***N*-phényl-4-pipéridinamine**<br>***N*-fenil-4-piperidinamina** | **(4-Piperidinamine, *N*-phenyl-)**<br>HS code: 2933.39 CAS number: 23056-29-3 |
| **1-Phenyl-2-propanone**<br>**Phényl-1 propanone-2**<br>**1-Fenil-2-propanona** | **(1-phenyl-2-propanone)**<br>HS code: 2914.31 CAS number: 103-79-7 |
| **Piperonal**<br>**Pipéronal**<br>**Piperonal** | **(1,3-benzodioxole-5-carboxaldehyde)**<br>HS code: 2932.93 CAS number: 120-57-0 |
| **Potassium permanganate**<br>**Permanganate de potassium**<br>**Permanganato potásico** | **(permanganic acid ($HMnO_4$), potassium salt)**<br>HS code: 2841.61 CAS number: 7722-64-7 |
| **Pseudoephedrine**<br>**Pseudoéphédrine**<br>**Seudoefedrina** | **([*S*-(*R**,*R**)]-α-[1-(methylamino)ethyl]-benzenemethanol)**<br>HS code: 2939.42[#] CAS number: 90-82-4 |
| **Safrole**<br>**Safrole**<br>**Safrol** | **(1,3-benzodioxole,5-(2-propenyl)-)**<br>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**<br>**Acétone**<br>**Acetona** | **(2-propanone)**<br>HS code: 2914.11 CAS number: 67-64-1 |
| **Anthranilic acid**<br>**Acide anthranilique**<br>**Acido antranílico** | **(2-aminobenzoic acid)**<br>HS code: 2922.43 CAS number: 118-92-3 |
| **Ethyl ether**<br>**Ether éthylique**<br>**Eter etílico** | **(1,1'-oxybis[ethane])**<br>HS code: 2909.11 CAS number: 60-29-7 |
| **Hydrochloric acid** [5]<br>**Acide chlorhydrique**<br>**Acido clorhídrico** | **(hydrochloric acid)**<br>HS code: 2806.10 CAS number: 7647-01-0 |
| **Methyl ethyl ketone**<br>**Méthyléthylcétone**<br>**Metiletilcetona** | **(2-butanone)**<br>HS code: 2914.12 CAS number: 78-93-3 |
| **Piperidine**<br>**Pipéridine**<br>**Piperidina** | **(piperidine)**<br>HS code: 2933.32 CAS number: 110-89-4 |
| **Sulphuric acid** [5]<br>**Acide sulfurique**<br>**Acido sulfúrico** | **(sulfuric acid)**<br>HS code: 2807.00 CAS number: 7664-93-9 |
| **Toluene**<br>**Toluène**<br>**Tolueno** | **(benzene, methyl-)**<br>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.

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[5] The salts of hydrochloric acid and sulfuric acid

# 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* | *Substance* |
|---|---|
| *N*-AAA | *N*-Acetylanthranilic acid |
| 2-Acetamidobenzoic acid | *N*-Acetylanthranilic acid |
| o-Acetamidobenzoic acid | *N*-Acetylanthranilic acid |
| ortho-Acetamidobenzoic acid | *N*-Acetylanthranilic acid |
| Acetanhydride | Acetic anhydride |
| Acetic acid, anhydride | Acetic anhydride |
| **Acetic anhydride** | **see Table I** |
| Acetic oxide | Acetic anhydride |
| Aceton, -a, -e, -um | Acetone |
| *alpha*-Aceto-*alpha*-cyanotoluene | *alpha*-Phenylacetoacetonitrile |
| **Acetone** | **see Table II** |
| Acétone | Acetone |
| Acetonersatz | Methyl ethyl ketone |
| Acetonylbenzene | 1-Phenyl-2-propanone |
| 5-Acetonyl-1,3-benzodioxole | 3,4-Methylenedioxyphenyl-2-propanone |
| 1-(Acetonyl)-3,4-methylenedioxybenzene | 3,4-Methylenedioxyphenyl-2-propanone |
| Acetyl acetate | Acetic anhydride |
| *N*-Acetylaminobenzoic acid | *N*-Acetylanthranilic acid |
| 2-Acetylaminobenzoic acid | *N*-Acetylanthranilic acid |
| o-Acetylaminobenzoic acid | *N*-Acetylanthranilic acid |
| 1-Acetylamino-2-carboxybenzene | *N*-Acetylanthranilic acid |
| Acetyl anhydride | Acetic anhydride |
| ***N*-Acetylanthranilic acid** | **see Table I** |
| α-Acetylbenzene acetmide | *alpha*-Phenylacetoacetamide |
| 2-Acetyl-benzeneacetonitrile | *alpha*-Phenylacetoacetonitrile |
| Acetyl ether | Acetic anhydride |
| Acetyl oxide | Acetic anhydride |
| *alpha*-Acetyl phenylacetonitrile | *alpha*-Phenylacetoacetonitrile |
| 2-Acetyl-2-phenylacetonitrile | *alpha*-Phenylacetoacetonitrile |
| α-Acetyl-α-toluamide | *alpha*-Phenylacetoacetamide |
| *alpha*-Acetyl-*alpha*-tolunitrile | *alpha*-Phenylacetoacetonitrile |
| Acide *N*-acétylanthranilique | *N*-Acetylanthranilic acid |
| Acide 2-aminobenzöique | Anthranilic acid |
| Acide o-aminobenzöique | Anthranilic acid |
| Acide anthranilique | Anthranilic acid |
| Acide benzéne acétique | Phenylacetic acid |
| Acide chlorhydrique | Hydrochloric acid |
| Acide ergoline-8ß-carboxylique, didéhydro -9,10-méthyl-6- | Lysergic acid |
| Acide indolo (4,3-fg)-quinoline, ergoline-8-carboxylique | Lysergic acid |
| Acide lysergique | Lysergic acid |
| Acide lysergique 2-hydroxy-1-methyléthylamide | Ergometrine |
| Acide lysergique 2-propanolamide | Ergometrine |
| Acide méthylglycidique de 3,4-MDP-2-P | 3,4-MDP-2-P methyl glycidic acid |
| Acide phénylacétique | Phenylacetic acid |
| Acide sulfurique | Sulphuric acid |
| Acide α-toluique | Phenylacetic acid |
| Acido *N*-acetilantranílico | *N*-Acetylanthranilic acid |
| Acido orto-aminobenzoico | Anthranilic acid |
| Acido antranílico | Anthranilic acid |
| Acido bencenoacetico | Phenylacetic acid |
| Acido clorhídrico | Hydrochloric acid |
| Acido fenilacético | Phenylacetic acid |
| Acido lisérgico | Lysergic acid |
| Acido 3,4-MDP-2-P-metilglicídico | 3,4-MDP-2-P methyl glycidic acid |
| Acido piroacetico | Acetone |
| Acido sulfúrico | Sulphuric acid |
| Acido α-toloico | Phenylacetic acid |
| Acidum hydrochloricum (concentratum) | Hydrochloric acid |
| Actifed | Pseudoephedrine |
| Acutrim | Norephedrine |
| Adiret | Norephedrine |
| Aether anaestheticus | Ethyl ether |
| Afrinol | Pseudoephedrine |
| Allent | Pseudoephedrine |

| *Name* | *Substance* |
|---|---|
| 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 |
| *m*-Allylpyrocatechin methylene ether | Safrole |
| 4-Allylpyrocatechol formaldehyde acetal | Safrole |
| Allylpyrocatechol methylene ether | Safrole |
| Ambenyl-D | Pseudoephedrine |
| Amfed TD | Norephedrine |
| 2-Aminobenzoic acid | Anthranilic acid |
| o-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-*N*-phenethylpiperidine |
| 2-Amino-1-phenyl-1-propanol | Norephedrine |
| Anaesthetic ether | Ethyl ether |
| 4-ANBocP | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| Anesthesia ether | Ethyl ether |
| Anhídrido acético | Acetic anhydride |
| Anhídrido etanoico | Acetic anhydride |
| Anhydride acétique | Acetic anhydride |
| Anhydride éthanoique | Acetic anhydride |
| 4-Anilino-1-boc-piperidine | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| 4-Anilino-*N*-fenetilpiperidina | 4-Anilino-*N*-phenethylpiperidine |
| 4-Anilino-1-phenethylpiperidine | 4-Anilino-*N*-phenethylpiperidine |
| 4-Anilino-1-(2-phenethyl)piperidine | 4-Anilino-*N*-phenethylpiperidine |
| 4-Anilino-1-(β-phenethyl)piperidine | 4-Anilino-*N*-phenethylpiperidine |
| **4-Anilino-*N*-phenethylpiperidine** | **see Table I** |
| 4-Anilino-*N*-phénéthylpipéridine | 4-Anilino-*N*-phenethylpiperidine |
| 4-Anilinopiperidine | *N*-Phenyl-4-piperidinamine |
| ANPP | 4-Anilino-*N*-phenethylpiperidine |
| 4-ANPP | 4-Anilino-*N*-phenethylpiperidine |
| **Anthranilic acid** | **see Table II** |
| o-Anthranilic acid | Anthranilic acid |
| Anthranilic acid, *N*-acetyl | *N*-Acetylanthranilic acid |
| Antisal 1A | Toluene |
| APAA | *alpha*-Phenylacetoacetamide |
| APAAN | *alpha*-Phenylacetoacetonitrile |
| Appedrine | Norephedrine |
| Arconovina | Ergometrine |
| Astmaphedrine | Ephedrine |
| Atridine | Pseudoephedrine |
| Avetol | Ergotamine |
| Azacyclohexane | Piperidine |
| Azijnzuur anhydride | Acetic anhydride |
| BMK | 1-Phenyl-2-propanone |
| BMK intermediate B | *alpha*-Phenylacetoacetamide |
| Basergin, -e | Ergometrine |
| Bellergal | Ergotamine |
| Benafed | Pseudoephedrine |
| Benazma | Pseudoephedrine |
| Benylin | Pseudoephedrine |
| Benzeneacetamide, α-acetyl | *alpha*-Phenylacetoacetamide |
| Benzeneacetamide, *alpha*-acetyl | *alpha*-Phenylacetoacetamide |
| Benzeneacetic acid | Phenylacetic acid |
| Benzeneacetic acid, *alpha*-acetyl, methyl ester | methyl *alpha*-phenylacetoacetate |
| Benzeneacetonitrile, *alpha*-acetyl | *alpha*-Phenylacetoacetonitrile |
| 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 |

| ***Name*** | ***Substance*** |
|---|---|
| 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[*d*][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)- | *N*-Acetylanthranilic acid |
| *N*-(5-(Benzyl-10b-hydroxy-2-methyl)-3,6-dioxoperhydro-oxazolo-(3,2-a)-pyrrolo(2,1c)pyrazin-2-yl)-D-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 | *alpha*-Phenylacetoacetamide |
| 1-Boc-4-anilinopiperidine | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| Boc-4-AP | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| *N*-Boc-4-AP | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| 1-Boc-4-(phenylamino)piperidine | *tert*-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 |
| *tert*-Butyl 4-anilinopiperidine-1-carboxylate | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| ***tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate** | **see Table I** |
| Cafergot | Ergotamine |
| Cairox | Potassium permanganate |
| Caniphedrin, -e | Ephedrine |
| 2-Carboxyacetanilide | *N*-Acetylanthranilic acid |
| Carboxyanilin, -e | Anthranilic acid |
| 2-Carboxyanilin, -e | Anthranilic acid |
| o-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 |

| *Name* | *Substance* |
|---|---|
| Cornocentin, -e | Ergometrine |
| Cornutamin | Ergotamine |
| Co-Tylenol | Pseudoephedrine |
| CP-25 | Toluene |
| Cryovinal | Ergometrine |
| 1-Cyano-1-phenyl-2-propanone | *alpha*-Phenylacetoacetonitrile |
| Cyclopentimine | Piperidine |
| Cypentyl | Piperidine |
| DAM-57 | Lysergic acid |
| Daycare | Pseudoephedrine |
| Decofed | Pseudoephedrine |
| Deconamine | Pseudoephedrine |
| Decongestant Syrup | Pseudoephedrine |
| Depropionyl fentanyl | 4-Anilino-*N*-phenethylpiperidine |
| Despropionyl fentanyl | 4-Anilino-*N*-phenethylpiperidine |
| Despropionyl norfentanyl | *N*-Phenyl-4-piperidinamine |
| Dex-A-Diet | Norephedrine |
| Dexatrim | Norephedrine |
| Dextrolysergic acid levo-2-propanolamine | Ergometrine |
| D-Feda | Pseudoephedrine |
| Diadax | Norephedrine |
| 9,10-Didehydro-*N*-(2-hydroxy-1-methylethyl)-6-methylergoline-8ß-carboxamide | Ergometrine |
| 9,10-Didehydro-*N*-[(S)-2-hydroxy-1-methylethyl]-6-methylergoline-8ß-carboxamide | Ergometrine |
| [8ß(S)]-9,10-Didehydro-*N*-(2-hydroxy-1-methylethyl)-6- methylergoline-8ß-carboxamide | Ergometrine |
| 9,10-Didehydro-6-methylergoline-8ß-carboxylic acid | Lysergic acid |
| (8ß)-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 | *tert*-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 |

| *Name* | *Substance* |
|---|---|
| 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-8ß-carboxamide, 9,10 didehydro-*N*-(2-hydroxy-1-methylethyl)-6-methyl-, [8ß(S)] | Ergometrine |
| Ergoline-8ß-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* | *Substance* |
|---|---|
| Eter sulfurico | Ethyl ether |
| Ethane,1,1'-oxybis- | Ethyl ether |
| Ethane oxyéthane | Ethyl ether |
| Ethanoic acid anhydride | Acetic anhydride |
| Ethanoic anhydrate | Acetic anhydride |
| Ethanoic anhydride | Acetic anhydride |
| Ether | Ethyl ether |
| Ether éthylique | Ethyl ether |
| Ether pro narcosi | Ethyl ether |
| Ether sulfurique | Ethyl ether |
| Ethoxyethane | Ethyl ether |
| **Ethyl ether** | **see Table II** |
| Ethyl methyl ketone | Methyl ethyl ketone |
| Ethyl oxide | Ethyl ether |
| Etin | Ergotamine |
| Exmigra | Ergotamine |
| Exmigrex | Ergotamine |
| Fasupond | Norephedrine |
| Feda | Pseudoephedrine |
| D-Feda | Pseudoephedrine |
| Fedahist | Pseudoephedrine |
| Fedrazil | Pseudoephedrine |
| Fedrine | Ephedrine |
| Fema No. 2878 | Phenylacetic acid |
| Femergin | Ergotamine |
| *N*-Fenetil-4-piperidona | *N*-phenethyl-4-piperidone |
| *alfa*-Fenilacetoacetamida | *alpha*-Phenylacetoacetamide |
| α-Fenilacetoacetonitrilo | *alpha*-Phenylacetoacetonitrile |
| Fenilpropanolamina | Norephedrine |
| 1-Fenil-2-propanona | 1-Phenyl-2-propanone |
| Fentanyl impurity B | Norfentanyl |
| First Sign | Pseudoephedrine |
| 5-Formylbenzodioxole | Piperonal |
| 5-Formyl-1,3-benzodioxole | Piperonal |
| Fugoa | Norephedrine |
| Fugoa N | Norephedrine |
| Galpseud | Pseudoephedrine |
| Geliotropin | Piperonal |
| Glycidic acid, 2-methyl-3-[3,4-(methylenedioxy)phenyl]- | 3,4-MDP-2-P methyl glycidic acid |
| Glycidic acid, 2-methyl-3-[3,4-(methylenedioxy)phenyl]-, methyl ester | 3,4-MDP-2-P methyl glycidate |
| Gotamine | Ergotamine |
| Gynergen | Ergotamine |
| Halin | Pseudoephedrine |
| Halofed | Pseudoephedrine |
| Heliotropin, -e | Piperonal |
| Help | Norephehrine |
| Hemogen | Ergometrine |
| 4,6,6a,7,8,9-Hexahydro-7-methylindole[4,3-fg]quinoline-9-carboxylic acid | Lysergic 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 | Ergometrine |
| Hexahydropyridin, -e | Piperidine |
| Hexazane | Piperidine |
| Histalet | Pseudoephedrine |
| **Hydrochloric acid** | **see Table II** |
| Hydrochloride acid | Hydrochloric acid |
| Hydrogen chloride (aqueous) | Hydrochloric acid |
| Hydroot | Sulphuric acid |
| 1-Hydroxy-2-methylamino-1-phenylpropane | Ephedrine |
| α-Hydroxy-ß-methylaminopropylbenzene | Ephedrine |
| Hydroxymethylethyllysergamide | Pseudoephedrine |
| *N*-[1-(Hydroxymethyl)ethyl]-D-lysergamide | Ergometrine |
| *N*-(2-Hydroxy-1-methylethyl)-D(+)-lysergamide | Ergometrine |

| *Name* | *Substance* |
|---|---|
| *N*-[(S)-2-Hydroxy-1-methylethyl]lysergamide | Ergometrine |
| *N*-[(S)-2-Hydroxy-1-methylethyl]-D-lysergamide | Ergometrine |
| *N*-[α-(Hydroxymethyl)ethyl]-D-lysergamide | Ergometrine |
| (αR,ßR)-ß-Hydroxy-α-methylphenethyl-*N*-methylammonium chloride | Pseudoephedrine |
| (+)-(αS,ßS)-ß-Hydroxy-α-methylphenethyl-*N*-methyl-ammonium 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'S)-12'-Hydroxy-2'-methyl-3',6',18-trioxo-5-benzylergotaman-(+)- | Ergotamine |
| (-)-(1R,2S)-*N*-(1-Hydroxy-1-phenylprop-2-yl)-*N*-methylammonium HCl | Ephedrine |
| Hydroxypropyllysergamide | Ergometrine |
| (+)-*N*-[(2S)-1-Hydroxyprop-2-yl]-D-lysergamide | Ergometrine |
| Indolo-(4,3-fg)-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 |
| d-Isoephedrine | Pseudoephedrine |
| Isofedrin | Pseudoephedrine |
| Isofedrol | Ephedrine |
| Isolysergic acid | Lysergic acid |
| Iso-phedrizem | Ephedrine |
| Isosafrol | Isosafrole |
| **Isosafrole** | **see Table I** |
| Kalii Permanganas | Potassium permanganate |
| Kaliumpermanganat | Potassium permanganate |
| Ketobutan | Methyl ethyl ketone |
| 3-Keto-2-phenyl-butyramide | *alpha*-Phenylacetoacetamide |
| 3-Keto-2-phenylbutyric acid methyl ester | methyl *alpha*-phenylacetoacetate |
| ß-Ketonepropane | Acetone |
| ß-Ketopropane | Acetone |
| Kontexin | Norephedrine |
| Kratedyn | Ephedrine |
| Kronofed-A | Pseudoephedrine |
| Lanatrate | Ergotamine |
| Lexofedrin | Ephedrine |
| Lexophedrine | Ephedrine |
| Linctifed | Pseudoephedrine |
| Lingraine | Ergotamine |
| Lingrän | Ergotamine |
| Lingrene | Ergotamine |
| **Lysergic acid** | **see Table I** |
| D-Lysergic acid | Lysergic acid |
| (+)-Lysergic acid | Lysergic acid |
| D(+)-Lysergic acid | Lysergic acid |
| D(+)-Lysergic acid-ß-hydroxyisopropylamide | Ergometrine |
| D-Lysergic acid 1-(hydroxymethyl)ethylamide | Ergometrine |
| D-Lysergic acid 2-hydroxy-1-methylethylamide | Ergometrine |
| D-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* | *Substance* |
|---|---|
| MEETCO | Methyl ethyl ketone |
| MEK | Methyl ethyl ketone |
| Methacid, -e | Toluene |
| Methane, phenyl- | Toluene |
| Methyl acetone | Methyl ethyl ketone |
| Methyl α-acetylphenylacetate | methyl *alpha*-phenylacetoacetate |
| Methyl *alpha*-acetylphenylacetate | methyl *alpha*-phenylacetoacetate |
| **Methyl *alpha*-phenylacetoacetate** | **see Table I** |
| [R-(R*,S*)]-α-[1-(Methylamino)ethyl]benzenemethanol | Ephedrine |
| [S-(R*,R*)]-α-[1-(Methylamino)ethyl]benzenemethanol | Pseudoephedrine |
| α-[1-(Methylamino)ethyl]benzene methanol | Ephedrine |
| | Pseudoephedrine |
| α-[1-(Methylamino)ethyl]benzyl alcohol | Ephedrine |
| | Pseudoephedrine |
| 1-α-[1-(Methylamino)ethyl]benzyl alcohol | Ephedrine |
| dl-α-[1-(Methylamino)ethyl]benzyl alcohol | Ephedrine |
| 2-Methylamino-1-phenyl-1-propanol | Ephedrine |
| | Pseudoephedrine |
| 2-Methylamino-1-phenylpropan-1-ol | Ephedrine |
| 2-Methylamino-1-phenylpropanol | Ephedrine |
| (1R,2S)-2-Methylamino-1-phenyl-1-propanol | Ephedrine |
| (1R,2S)-2-Methylamino-1-phenyl-propan-1-ol | Ephedrine |
| (+)-2-Methylamino-1-phenylpropan-1-ol | Pseudoephedrine |
| (+)-(1S,2R)-2-(Methylamino)-1-phenyl-1-propanol | Pseudoephedrine |
| (+)-(1S,2S)-2-(Methylamino)-1-phenylpropan-1-ol | Pseudoephedrine |
| DL-threo-2-(Methylamino)-1-phenyl-propan-1-ol | Pseudoephedrine |
| Methylbenzene | Toluene |
| Methyl 3-(benzo[*d*][1,3]dioxol-5-yl)-2-methyloxirane-2-carboxylate | 3,4-MDP-2-P methyl glycidate |
| Methyl 3-(1,3-benzodioxol-5-yl)-2-methyl-2-oxiranecarboxylate | 3,4-MDP-2-P methyl glycidate |
| Methylbenzol | Toluene |
| Methyl benzyl ketone | 1-Phenyl-2-propanone |
| Methyl ketone | Acetone |
| 1,2-Methylenedioxy-4-allyl-benzene | Safrole |
| 3,4-Methylenedioxy-allylbenzene | Safrole |
| 3,4-(Methylenedioxy)benzaldehyde | Piperonal |
| 3,4-Methylenedioxybenzyl methyl ketone | 3,4-Methylenedioxyphenyl-2-propanone |
| 3,4-Methylenedioxy-4-(isopropenyl)-benzene | Isosafrole |
| 3,4-Methylenedioxyphenylacetone | 3,4-Methylenedioxyphenyl-2-propanone |
| 3-[3',4'-(Methylenedioxy)phenyl]-2-methyl glycidic acid | 3,4-MDP-2-P methyl glycidic acid |
| **3,4-Methylenedioxyphenyl-2-propanone** | **see Table I** |
| 1-(3,4-Methylenedioxyphenyl)-2-propanone | 3,4-Methylenedioxyphenyl-2-propanone |
| Méthylènedioxy-3,4-phényl propanone-2 | 3,4-Methylenedioxyphenyl-2-propanone |
| 1,2-(Methylenedioxy)-4-propenylbenzene | Isosafrole |
| 1,2-(Methylenedioxy)-4-propen-2-ylbenzene | Isosafrole |
| 3,4-(Methylenedioxy)-1-propenylbenzene | Isosafrole |
| Méthyléthylcétone | Methyl ethyl ketone |
| **Methyl ethyl ketone** | **see Table II** |
| Méthylglycidate de 3,4-MDP-2-P | 3,4-MDP-2-P methyl glycidate |
| Methyl 3-[3',4'-(methylenedioxy)phenyl]-2-methyl glycidate | 3,4-MDP-2-P methyl glycidate |
| 2-Methyl-3-(3,4-methylenedioxy)phenyl-2-oxiranecarboxylic acid | 3,4-MDP-2-P methyl glycidic acid |
| 2-Methyl-3-(3,4-methylenedioxy)phenyl-2-oxiranecarboxylic acid, methyl ester | 3,4-MDP-2-P methyl glycidate |
| *N*-Methylnorephedrine | Ephedrine |
| Methyl 3-oxo-2-phenylbutanoate | methyl *alpha*-phenylacetoacetate |
| Methyl 3-oxo-2-phenylbutyrate | methyl *alpha*-phenylacetoacetate |
| Methyl 2-phenylacetoacetate | methyl *alpha*-phenylacetoacetate |
| **Methyl *alpha*-phenylacetoacetate** | **see Table I** |
| Methyl piperonyl ketone | 3,4-Methylenedioxyphenyl-2-propanone |
| 3,4-Metilendioxifenil-2-propanona | 3,4-Methylenedioxyphenyl-2-propanone |
| Metiletilcetona | Methyl ethyl ketone |
| | Ergometrine |

| *Name* | *Substance* |
|---|---|
| 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-Femergin | Ergometrine |
| Novafed 120 | Pseudoephedrine |
| Novahistine | Pseudoephedrine |
| Novergo | Ergometrine |
| NPP | *N*-phenethyl-4-piperidone |
| NSC 80678 | *N*-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)pyrrolel(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 | *alpha*-Phenylacetoacetamide |
| 3-Oxo-2-phenylbutanenitrile | *alpha*-Phenylacetoacetonitrile |
| 3-Oxo-2-phenylbutanoic acid methyl ester | methyl *alpha*-phenylacetoacetate |
| 3-Oxo-2-phenylbutyronitrile | *alpha*-Phenylacetoacetonitrile |
| 2-Oxo-1-phenylpropyl cyanide | *alpha*-Phenylacetoacetonitrile |
| 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*** | ***Substance*** |
|---|---|
| Pentamethyleneamine | Piperidine |
| Pentamethylenimin, -e | Piperidine |
| Perhydropyridine | Piperidine |
| Permanganate de potassium | Potassium permanganate |
| Permanganate of potash | Potassium permanganate |
| Permanganato potásico | Potassium permanganate |
| Permanganic acid, potassium salt | Potassium permanganate |
| Phenergan-D | Pseudoephedrine |
| 1-Phenethyl-*N*-phenylpiperidin-4-amine | 4-Anilino-*N*-phenethylpiperidine |
| *N*-(1-Phenethyl-piperidin-4-yl)-aniline | 4-Anilino-*N*-phenethylpiperidine |
| (1-Phenethyl-piperidin-4-yl)phenylamine | 4-Anilino-*N*-phenethylpiperidine |
| 1-phenethyl-4-piperidone | *N*-Phenethyl-4-piperidone |
| ***N*-Phenethyl-4-piperidone** | **see Table I** |
| *N*-Phénéthyl-4-pipéridone | *N*-Phenethyl-4-piperidone |
| Phenoxine | Norephedrine |
| **Phenylacetic acid** | **see Table I** |
| 2-Phenylacetic acid | Phenylacetic acid |
| w-Phenylacetic acid | Phenylacetic acid |
| 2-Phenylacetoacetamide | *alpha*-Phenylacetoacetamide |
| α-Phenylacetoacetamide | *alpha*-Phenylacetoacetamide |
| ***alpha*-Phenylacetoacetamide** | **see Table I** |
| *alpha*-Phénylacétoacétamide | *alpha*-Phenylacetoacetamide |
| 2-Phenyl-acetoacetic acid amide | *alpha*-Phenylacetoacetamide |
| 2-Phenylacetoacetic acid methyl ester | methyl *alpha*-phenylacetoacetate |
| ***alpha*-Phenylacetoacetonitrile** | **see Table I** |
| 2-Phenylacetoacetonitrile | *alpha*-Phenylacetoacetonitrile |
| α-Phénylacétoacétonitrile | *alpha*-Phenylacetoacetonitrile |
| Phenylacetone | 1-Phenyl-2-propanone |
| α-Phenylacetone | 1-Phenyl-2-propanone |
| 4-(Phenylamino)piperidine | *N*-Phenyl-4-piperidinamine |
| 4-(Phenylamino)-1-piperidinecarboxylic acid, 1,1-dimethylethyl ester | *tert*-Butyl 4-(phenylamino)piperidine-1-carboxylate |
| 1-Phenyl-2-amino-1-propanol | Norephedrine |
| Phenyldrine | Norephedrine |
| Phenylethanoic acid | Phenylacetic acid |
| 1-(2-Phenylethyl)-4-anilinopiperidine | 4-Anilino-*N*-phenethylpiperidine |
| 1-(2-Phenylethyl)-4-phenylaminopiperidine | 4-Anilino-*N*-phenethylpiperidine |
| *N*-[1-(2-Phenylethyl)-4-piperidinyl]aniline | 4-Anilino-*N*-phenethylpiperidine |
| *N*-[1-(2-Phenylethyl)-4-piperidinyl]benzenamine | 4-Anilino-*N*-phenethylpiperidine |
| *N*-Phenylethyl-4-piperidinone | *N*-Phenethyl-4-piperidone |
| 1-(2-phenylethyl)piperidin-4-one | *N*-Phenethyl-4-piperidone |
| 1-(2-phenylethyl)-4-piperidone | *N*-Phenethyl-4-piperidone |
| 1-(β-phenylethyl)-4-piperidone | *N*-Phenethyl-4-piperidone |
| *N*-Phenylethyl-4-piperidone | *N*-Phenethyl-4-piperidone |
| 1-Phenyl-1-hydroxy-2-methylaminopropane | Ephedrine |
| | Pseudoephedrine |
| Phenyl methane | Toluene |
| 1-Phenyl-2-methylaminopropanol | Ephedrine |
| | Pseudoephedrine |
| 1-Phenyl-2-methylamino-1-propanol | Ephedrine |
| | Pseudoephedrine |
| 1-Phenyl-2-methylaminopropanol-1 | Ephedrine |
| Phenylmethyl methyl ketone | 1-Phenyl-2-propanone |
| 2-Phenyl-3-oxobutyric acid methyl ester | methyl *alpha*-phenylacetoacetate |
| 1-Phenyl-2-oxopropane | 1-Phenyl-2-propanone |
| *N*-Phenyl-1-(2-phenylethyl)-4-piperidinamine | 4-Anilino-*N*-phenethylpiperidine |
| *N*-Phenyl-1-(2-phenylethyl)piperidin-4-amine | 4-Anilino-*N*-phenethylpiperidine |
| *N*-Phenyl-*N*'-[1-(2-phenylethyl)]-4-piperidine | 4-Anilino-*N*-phenethylpiperidine |
| ***N*-Phenyl-4-piperidinamine** | **see Table I** |
| *N*-Phenylpiperidin-4-amine | *N*-Phenyl-4-piperidinamine |
| *N*-Phenylpiperidin-4-yl-amine | *N*-Phenyl-4-piperidinamine |
| *N*-Phenyl-*N*-4-piperidinylpropanamide | Norfentanyl |
| *N*-Phenyl-*N*-(4-piperidinyl)propanamide | Norfentanyl |
| *N*-Phenyl-*N*-(piperidin-4-yl)propanamide | Norfentanyl |

| *Name* | *Substance* |
|---|---|
| *N*-Phenyl-*N*-4-piperidinylpropionamide | Norfentanyl |
| *N*-Phenyl-*N*-(4-piperidinyl)propionamide | Norfentanyl |
| *N*-Phenyl-*N*-(piperidin-4-yl)propionamide | Norfentanyl |
| Phenylpropanolamine | Norephedrine |
| Phénylpropanolamine | Norephedrine |
| **Phenylpropanolaminum** | Norephedrine |
| Phenyl-2-propanone | 1-Phenyl-2-propanone |
| Phényl-1 propanone-2 | 1-Phenyl-2-propanone |
| **1-Phenyl-2-propanone** | **see Table I** |
| 3-Phenyl-2-propanone | 1-Phenyl-2-propanone |
| Piperidin, -a | Piperidine |
| 4-Piperidinamine, *N*-phenyl- | *N*-Phenyl-4-piperidinamine |
| 4-Piperidinamine, *N*-phenyl-1-(2-phenylethyl)- | 4-Anilino-*N*-phenethylpiperidine |
| **Piperidine** | **see Table II** |
| Pipéridine | Piperidine |
| Piperidine, 4-anilino- | *N*-Phenyl-4-piperidinamine |
| Piperidine, 4-anilino-1-phenethyl- | 4-Anilino-*N*-phenethylpiperidine |
| *N*-(Piperidine-4-yl)aniline | *N*-phenyl-4-piperidinamine |
| *N*-Piperidine-4-yl-*N*-phenylpropionamide | Norfentanyl |
| *N*-4-Piperidyl-propionanilide | Norfentanyl |
| **Piperonal** | **see Table I** |
| Pipéronal | Piperonal |
| Piperonaldehyde | Piperonal |
| Piperonylaldehyde | Piperonal |
| Piperonyl methyl ketone | 3,4-Methylenedioxyphenyl-2-propanone |
| PMK | 3,4-Methylenedioxyphenyl-2-propanone |
| PMK glycidate | 3,4-MDP-2-P methyl glycidate |
| PMK glycidic acid | 3,4-MDP-2-P methyl glycidic acid |
| Polaramine | Pseudoephedrine |
| **Potassium permanganate** | **see Table I** |
| P2P | 1-Phenyl-2-propanone |
| Proasthmin | Ephedrine |
| Procol | Norephedrine |
| Profedrine | Pseudoephedrine |
| Pronarcol | Ethyl ether |
| Propadrine | Norephedrine |
| Propagest | Norephedrine |
| Propanamide, *N*-phenyl-*N*-4-piperidinyl- | Norfentanyl |
| 2-Propanon, -e | Acetone |
| Propanone | Acetone |
| Propan-2-one | Acetone |
| 2-Propanone, 1-(1,3-benzodioxol-5-yl)- | 3,4-Methylenedioxyphenyl-2-propanone |
| 2-Propanone, 1-[3,4-(methylenedioxy)phenyl]- | 3,4-Methylenedioxyphenyl-2-propanone |
| 2-Propanone, 1-phenyl | 1-Phenyl-2-propanone |
| 5-(1-Propenyl)-1,3-benzodioxole | Isosafrole |
| 5-(2-Propenyl)-1,3-benzodioxole | Safrole |
| 4-Propenylcatechol methylene ether | Isosafrole |
| 4-Propenyl-1,2-methylenedioxybenzene | Isosafrole |
| 4-(*N*-Propionanilido)piperidine | Norfentanyl |
| 4-(*N*-Propionylanilino)piperidine | Norfentanyl |
| Protocatechualdehyde methylene ether | Piperonal |
| Protocatechuic aldehyde methylene ether | Piperonal |
| **Pseudoephedrine** | **see Table I** |
| Pseudo-éphédrine | Pseudoephedrine |
| d-Pseudoephedrine | Pseudoephedrine |
| (+)-Pseudoephedrine | Pseudoephedrine |
| L-(+)-Pseudoephedrine | Pseudoephedrine |
| (+)-(1S,2S)-Pseudoephedrine | Pseudoephedrine |
| Pseudoephedrine Polistirex | Pseudoephedrine |
| Pseudofrin | Pseudoephedrine |
| Pyroacetic acid | Acetone |
| Pyroacetic ether | Acetone |
| Quetena de metilo | Acetone |
| Racephedrine | Ephedrine |

| *Name* | *Substance* |
|---|---|
| RCRA Waste Number U141 | Isosafrole |
| RCRA Waste Number U159 | Methyl ethyl ketone |
| RCRA Waste Number U203 | Safrole |
| RCRA Waste Number U220 | Toluene |
| Repedrina | Pseudoephedrine |
| Restaslim | Norephedrine |
| Reukap | Ephedrine |
| Rhinalair | Pseudoephedrine |
| Rhindecon | Norephedrine |
| Rhyuno oil | Safrole |
| Rigetamine | Ergotamine |
| Rinexin | Norephedrine |
| Robidrine | Pseudoephedrine |
| Robitussin | Pseudoephedrine |
| Rocof | Pseudoephedrine |
| Ro-Fedrin | Pseudoephedrine |
| Rondec | Pseudoephedrine |
| Sacietyl | Norephedrine |
| Safrol | Safrole |
| **Safrole** | **see Table I** |
| Safrole MF | Safrole |
| Sal-Phedrine | Ephedrine |
| Salzsäure | Hydrochloric acid |
| Samedrine | Ephedrine |
| Sancos Co | Pseudoephedrine |
| Sanephedrine | Ephedrine |
| Schwefelsäure | Sulphuric acid |
| Secacornine | Ergometrine |
| Secagyn | Ergotamine |
| Secometrin, -e | Ergometrine |
| Secupan | Ergotamine |
| Seudoefedrina | Pseudoephedrine |
| Seudotabs | Pseudoephedrine |
| Shikimol, -e | Safrole |
| Sinarest | Pseudoephedrine |
| Sine-Aid | Pseudoephedrine |
| Sine-Off | Pseudoephedrine |
| Sinufed | Pseudoephedrine |
| Slim Caps | Norephedrine |
| Solvent ether | Ethyl ether |
| Spaneph | Ephedrine |
| Spent sulfuric acid | Sulphuric acid |
| Spirit of salt | Hydrochloric acid |
| Spirit of sulfur | Sulphuric acid |
| Spray-U-Thin | Norephedrine |
| Stay Trim | Norephedrine |
| Sucrets | Norephedrine |
| Sudafed | Pseudoephedrine |
| Sudanyl | Pseudoephedrine |
| Sudelix | Pseudoephedrine |
| Sudomyl | Pseudoephedrine |
| Sufedrin | Pseudoephedrine |
| Sufrol | Sulphuric acid |
| Sulfuric acid | Sulphuric acid |
| Sulfuric ether | Ethyl ether |
| **Sulphuric acid** | **see Table II** |
| Suolelix | Pseudoephedrine |
| Symptom 2 | Pseudoephedrine |
| Syntometrine | Ergometrine |
| Syrtussar | Norephedrine |
| Takimetrin | Ergometrine |
| TBC-5487 | 4-Anilino-*N*-phenethylpiperidine |
| Tinaroc | Norephedrine |
| **Toluene** | **see Table II** |
| Toluène | Toluene |

| *Name* | *Substance* |
|---|---|
| Toluene | Toluene |
| α-Toluic acid | Phenylacetic acid |
| Toluol | Toluene |
| Tolu-sol | Toluene |
| Toluylic acid | Phenylacetic acid |
| α-Tolylic acid | Phenylacetic acid |
| Triocos | Pseudoephedrine |
| Triphed | Pseudoephedrine |
| Tusaphed | Pseudoephedrine |
| Tussafed | Pseudoephedrine |
| Tussifed | Pseudoephedrine |
| Tylenol | Pseudoephedrine |
| Unitrol | Pseudoephedrine |
| Ursinus | Pseudoephedrine |
| USP Fentanyl Related Compound B | *N*-Phenyl-4-piperidinamine |
| USP Fentanyl Related Compound E | 4-Anilino-*N*-phenethylpiperidine |
| Uteron | Ergometrine |
| Vencipon | Ephedrine |
| Vitamin L | Anthranilic acid |
| Vitamino L1 | Anthranilic acid |
| Vitriol brown oil | Sulphuric acid |
| Vitriol, oil of | Sulphuric acid |
| Wal-Phed | Pseudoephedrine |
| Westrim | Norephedrine |
| Wigraine | Ergotamine |
| Zephrol | 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 ($0.5H_2O$) | 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 | 82 |
| | 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.