

2006
USP
DICTIONARY

Of USAN and International Drug Names

USP U.S. PHARMACOPEIA
The Standard of QualitySM

The authorized list of established names
for drugs in the United States of America

2006

USP DICTIONARY

Of USAN and International Drug Names

Published in accordance with the directions of the Expert Committee
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U.S. PHARMACOPEIA
The Standard of QualitySM

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Rockville, MD 20852

"Interested persons, in the absence of the designation by the Food and Drug Administration of an official name, may rely on as the established name for any drug the current compendial name or the USAN adopted name listed in the *USAN and the USP Dictionary of Drug Names*." [21 CFR299.4]

A compilation of the United States Adopted Names (USAN) selected and released from June 15, 1961, through January 31, 2006, current USP and NF names for drugs, and other nonproprietary drug names, the *USP Dictionary* incorporates the text previously published under the title *USAN and the USP Dictionary of Drug Names*.

Executive Vice President / Roger L. Williams

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HOW TO USE THIS BOOK

For the most effective use of this book, the reader is urged to read the Preface and to consult the list of Abbreviations as needed. In addition, the following notes and examples are provided as pointers on how to use the book.

Each U.S. Adopted Name is shown in **boldface** type. The USAN entry typically includes:

- 1 U.S. Adopted Name (USAN)
- 2 Year of publication as a USAN, in brackets and italicized
- 3 Pronunciation guide
- 4 Designation of official compendium in which title occurs; e.g., **USP** or **NF** if current, or specific edition in lightface type if not current
- 5 Molecular formula and weight
- 6 International nonproprietary name (INN)
- 7 Chemical name(s)
- 8 CAS registry number(s)
- 9 Other nonproprietary name(s)
- 10 Pharmacologic and/or therapeutic activity (italicized), based largely on representations from the sponsor of the USAN and subject to possible change as additional information becomes available
- 11 Brand name(s)
- 12 Name(s) of manufacturer(s) [a † symbol appears if the firm is no longer associated with the product]
- 13 Code designation(s) (italicized), preceded by the symbol ⋄
- 14 Graphic formula

ILLUSTRATIVE USAN ENTRY

Diagram illustrating the components of a USAN entry for **Cephalexin** [1967] (see a lex' in).

U.S. Adopted Name (1): **Cephalexin** [1967] (see a lex' in).

Year published as USAN (2): [1967] (see a lex' in).

Pronunciation guide (3): (see a lex' in).

Official compendium in which title occurs (4): USP, C₁₅H₁₇N₃O₄S, 365.41. [Cephalexin is INN and IAN.] (1) 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[(aminophenylacetyl)amino]-3-methyl-8-oxo-, monohydrate [608-360, 75]. (R*) [(2) (6R, 7R)-7-[(R)-2-Amino-2-phenylacetamido]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate; (3) 7-(D-α-Amino-α-phenylacetamido)-3-methyl-3-cephem-4-carboxylic acid monohydrate, CAS 23325-78-2; CAS 15686-71-2 (anhydrous), IAN. *antibiotic*; Keflex (Lilly); Keforal (Lilly); (Lammon); component of Ceflaxex (Apothecon) ⋄ 66873.

Molecular formula and weight (5): C₁₅H₁₇N₃O₄S, 365.41.

International nonproprietary name (6): INN and IAN.

Chemical name(s) (7): (1) 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[(aminophenylacetyl)amino]-3-methyl-8-oxo-, monohydrate [608-360, 75]. (R*) [(2) (6R, 7R)-7-[(R)-2-Amino-2-phenylacetamido]-3-methyl-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid monohydrate; (3) 7-(D-α-Amino-α-phenylacetamido)-3-methyl-3-cephem-4-carboxylic acid monohydrate, CAS 23325-78-2; CAS 15686-71-2 (anhydrous), IAN. *antibiotic*; Keflex (Lilly); Keforal (Lilly); (Lammon); component of Ceflaxex (Apothecon) ⋄ 66873.

CAS registry no(s) (8): CAS 23325-78-2; CAS 15686-71-2 (anhydrous), IAN.

Pharmacologic and/or therapeutic category (10): *antibiotic*.

Brand name(s) (11): Keflex (Lilly); Keforal (Lilly); (Lammon); component of Ceflaxex (Apothecon).

Code designation(s) (13): ⋄ 66873.

Graphic formula (14):

Other nonproprietary name(s) (9): (Lammon); component of Ceflaxex (Apothecon).

† Brand name formerly used, and/or firm no longer concerned with this product. ⋄ Footnote

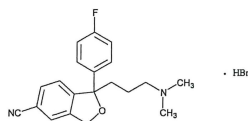
TYPES OF ENTRIES IN THE BOOK

- USAN (in **boldface** type and accompanied by [date])
- Current USP and NF titles followed by USP or NF (in **boldface** type)
- International and other nonproprietary names
- Brand names
- Code designations
- Cross-references

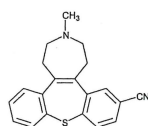
USAN APPENDICES

- I Brand Names for USAN and Other Nonproprietary Names
- II USAN and USP and NF Names Listed by Categories
- III Molecular Formulas
- IV Code Designations for USAN and Other Nonproprietary Names
- V CAS Registry Numbers and NSC Numbers
- VI VA Classification System
- VII Guiding Principles for Coining U.S. Adopted Names for Drugs
- VIII Guiding Principles for Coining U.S. Adopted Names for Contact Lens Materials
- IX USAN Submission Forms

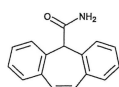
hydrobromide. CAS-59729-32-7. *Antidepressant (selective serotonin reuptake inhibitor)*. Apertia (Lundbeck, Denmark); Celexa (Lundbeck, Denmark); Cipram (Lundbeck, Denmark); Cipramil (Lundbeck, Denmark); Elopam (Lundbeck, Denmark); Lupram (Lundbeck, Denmark); Prisdal (Lundbeck, Denmark); Sepram (Lundbeck, Denmark); Seropram (Lundbeck, Denmark) $\diamond$ Lu 10-171-B



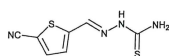
Citatepine. $C_{20}H_{18}N_2S$. 318.44. 2,3,4,5-Tetrahydro-3-methyl-1H-dibenzo[2,3:6,7]thiopheno[4,5-d]azepine-7-carbonitrile. CAS-65509-66-2. INN.



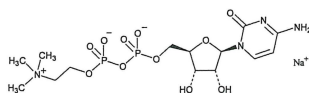
Citenamide [1968] (syé ten' a mide). $C_{16}H_{13}NO$. 235.28. (1) 5H-Dibenzo[a,d]cycloheptene-5-carboxamide; (2) 5H-Dibenzo[a,d]cycloheptene-5-carboxamide. CAS-10423-37-7. INN. *Anticonvulsant*. $\diamond$ AY-15,613



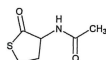
Citenazone. $C_7H_6N_4S_2$. 210.28. 5-Formyl-2-thiophenecarbonitrile thiosemicarbazone. CAS-21512-15-2. INN. $\diamond$ Hoe 105



Citicoline Sodium [1994] (syé tik' oh leen). $C_{14}H_{25}N_4NaO_{11}P_2$. 510.31. [Citicoline is INN and JAN.] (1) Cytidine 5'-(triethylammonio)ethyl ester, inner salt, monosodium salt; (2) Choline hydroxide, 5'-ester with cytidine 5'-(sodium dihydrogen diphosphate), inner salt. CAS-33818-15-4; CAS-987-78-0 [citicoline]; CAS-1477-47-0 [citicoline, replaced]. *Post-stroke and post-head trauma treatment*. CerAxon (Interneuron) $\diamond$ IP 302 sodium

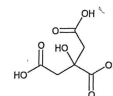


Citolone. $C_6H_9NO_2S$. 159.21. N-(Tetrahydro-2-oxo-3-thienyl)acetamide. CAS-1195-16-0. INN; DCF; MI.

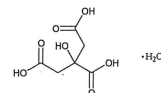


Citric Acid, Anhydrous (sit' rik). USP. $C_6H_8O_7$. 192.13. (1) 1,2,3-Propanetricarboxylic acid, 2-hydroxy-; (2) Citric acid. CAS-77-92-9; CAS-5949-29-1 [monohydrate]. JAN.

Component of K-Lyte (Bristol Labs); component of K-Lyte/Cl (Bristol Labs); component of K-Lyte DS (Bristol Labs)

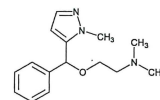


Citric Acid Monohydrate. USP. $C_6H_8O_7 \cdot H_2O$. 210.14. 1,2,3-Propanetricarboxylic acid, 2-hydroxy-, monohydrate. CAS-5949-29-1.



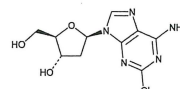
Citrovorum Factor — See Leucovorin Calcium.

Cizolirtine. $C_{15}H_{21}N_3O$. 259.35. (±)-5-[α-[2-(Dimethylamino)ethoxy]benzyl]-1-methylpyrazole. CAS-142155-43-9. INN.

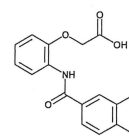


Cladaribine (previously used name) — See Cladribine.

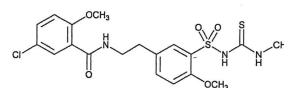
Cladribine [1992] (klad' ri been). $C_{10}H_{12}ClN_5O_3$. 285.69. (1) Adenosine, 2-chloro-2'-deoxy-; (2) 2-Chloro-2'-deoxyadenosine. CAS-4291-63-8. INN; BAN. *Antineoplastic*. Leustatin (Ortho Biotech) [Name previously used: Cladaribine.] $\diamond$ RWJ 26251



Clamidoxic Acid. $C_{15}H_{11}Cl_2NO_4$. 340.16. [2-(3,4-Dichlorobenzamido)phenoxy]acetic acid. CAS-6170-69-0. INN; BAN. $\diamond$ SNR 1804



Clamikalant. $C_{19}H_{22}ClN_3O_5S_2$. 471.98. 1-[[5-[2-(5-Chloro-o-anisamido)ethyl]-2-methoxyphenyl]sulfonyl]-3-methyl-2-thiourea. CAS-158751-64-5. INN.



Clamoxiquin Hydrochloride [1965] (klam ox' i kwin). $C_{17}H_{24}ClN_3O \cdot 2HCl$. 394.77. [Clamoxiquine is INN and BAN.] (1) 8-Quinolinol, 5-chloro-7-[[[3-(diethylamino)propyl]amino]methyl]-, dihydrochloride; (2) 5-Chloro-7-