

IDIS DRUG VOCABULARY AND THESAURUS DESCRIPTION

IOWA DRUG INFORMATION SERVICE (IDIS)

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A comprehensive controlled vocabulary of valid drug terms has been developed by the Division of Drug Information Service to index journal articles entered into the *IDIS* database. The drug vocabulary has been maintained since 1965. It is extensively cross-referenced, reliable and updated monthly. These characteristics allow the vocabulary to be used in instances where a complete listing of drug names and associated unique numbers is required.^{1,2} *IDIS* defines a drug term as a therapeutic, diagnostic, biologic or toxic agent discussed in a journal article. When possible, the United States Adopted Name (USAN) is utilized as the valid drug term.

Only non-proprietary names are used to define valid drug terms. Valid drug terms also include names for pharmaceutical aids such as SULFITES, investigational code names, chemical names, nontherapeutic/toxic substance names such as TETRACHLORODIBENZOPARADIOXIN, and book and software reviews such as /BOOK: DRUG COMPILATION. Medical devices and molecular formulas are not part of the drug vocabulary file.

Each valid drug term is assigned an eight digit drug number. This number is a modified American Hospital Formulary Service (AHFS) number and indicates the drug's pharmacologic therapeutic class.

The *IDIS* Drug Vocabulary contains over 8000 valid drug terms. The drug vocabulary is continually updated as new drug terms appear in the literature and as drug names change. On average, seventeen new valid drug terms are added to the drug vocabulary each month. In addition, approximately eight valid drugs have name/number changes each month.

IDIS has developed a comprehensive Drug Thesaurus that contains U.S. and international drug synonyms and trade names cross-referenced to valid *IDIS* drug term(s). The Drug Thesaurus contains over 22,000 entries, of which about 8,000 are valid drug terms. Approximately 25 new cross reference entries are added each month. In addition, about ten changes are made each month to update the cross reference entries.

I. Valid Drug Terms

- A. Naming Conventions: The United States Adopted Names (USAN) council is the primary authority used for assigning names to substances. If a USAN is not available for a compound, secondary authorities are used. The order of priority used in assigning names is:
1. USAN Council Names³
 2. International Nonproprietary Name (INN)³
 3. Recommended INN³
 4. Proposed INN³
 5. British Approved Name (BAN)⁴
 6. The Merck Index⁵
 7. Martindale: The Extra Pharmacopoeia⁶

B. Naming Rules - Special Notes

1. Salts, esters, citrates, etc.:

USAN often lists various salts, esters, and citrates of a drug. These are not included as part of the valid drug term unless one is determined to have a clinically significant different effect in humans.

EXAMPLE: HYDROXYZINE is the valid drug term for both Hydroxyzine Hydrochloride and Hydroxyzine Pamoate.

2. Investigational codes:

All investigational codes are punctuated in the same manner.

- a. Alphabetic and numeric characters are separated by a hyphen.
- b. All other punctuation such as commas, periods, slashes, ampersands and hyphens between two alphabetic or numeric characters, is deleted.

EXAMPLE: C 50005/A-Ba	is	C-50005-ABA
C3/76	is	C-376
EX-11-582A	is	EX-11582-A
LL21-945	is	LL-21945
M&B 2294	is	MB-22948

- c. Leading zeros in a string of consecutive numeric characters are deleted.

EXAMPLE: RO-03-8799 is RO-38799

3. Chemical names:

- a. Chemical names with leading numbers or Greek letters:
The leading section is inverted with a comma.

EXAMPLE: 2-Hydroxyestradiol is named
HYDROXYESTRADIOL, 2-
15-alpha-hydroxyestrogens is named
HYDROXYESTROGENS, 15-ALPHA

- b. Two-word names beginning with ethyl, methyl, phenyl, etc. or if methyl, etc., is part of a chemical name: One word is used.

EXAMPLE: Methylhexaneamine is named
METHYLHEXANEAMINE
Methylfentanyl is named
METHYLFENTANYL

Exception, if the reference standard is two separate words, two separate words are used.

EXAMPLE: Methyl Parathion is named as is.

- c. The following are not used as part of the name, unless the species is significantly different clinically: Greek letters, numbers

EXAMPLE: Alpha-methyldopa is named
METHYLDOPA
N-Acetyl-4-S-Cysteaminylphenol is named
ACETYLCYSTEAMINYLPHENOL
Beta-sitosterol is named SITOSTEROL

C. Naming drug classes

1. Prefixes: Anti- and Non-
Hyphens are not used in the class name.

EXAMPLE: ANTIEMETICS

2. Categories within categories (i.e. subcategories) or modifiers in the title:

- a. Administration techniques (Topical, EENT, Oral, Vaginal, Intrauterine, etc.) included as part of the category title are placed in parentheses after the category title.

EXAMPLE: ANESTHETICS (GENERAL)
HYPOGLYCEMICS (ORAL)-OTHER
ANTIINFLAMMATORY AGENTS
(EENT)

- b. "-OTHER" or "-MISCELLANEOUS" categories indicate a general category for which there may be other, more specific categories at the same level. The format "CLASSNAME-OTHER" is followed. If the name includes administration technique or other descriptive terms, the descriptive term is placed before "-OTHER."

EXAMPLE: ANTIDEPRESSANTS-OTHER
ANTIINFECTIVES (EENT)-OTHER

D. Acceptable abbreviations for use in valid drug terms:

The valid drug term cannot exceed thirty characters. Due to this limitation it may be necessary to abbreviate part or all of the drug name. The following is a list of acceptable abbreviations:

<u>ABBREVIATION</u>	<u>WORD/PHRASE</u>
AB	Antibody
ABS	Absorption
ACE	Angiotensin Converting Enzyme
ACELL	Acellular
AGGREGAT	Aggregated
AGT(S)	Agents
ALB	Albumin

ANGIOTEN	Angiotensin
ANTICONVULS	Anticonvulsants
ANTIRAD	Antiradioactive
ATTEN	Attenuated
BACT	Bacteria
BCG	Bacillus Calmette-Guerin
CA	Calcium
CARB	Carbonic
CEA	Carcinoembryonic Antigen
CL	Chloride
COA	Coenzyme A
COND	Condensate
CWS	Cell Wall Skeleton
DEMULC	Demulcents
DERIV	Derivatives
DERV	Derived
DIPHOS	Diphosphonate
EENT	Eye, Ear, Nose, Throat
EMULS	Emulsions
FAB	Antibody Fragments
FACT	Factor
FL	Fluoride
FUNCT	Function
FUNG	Fungus/Fungi
H2	Histamine ₂
HCG	Human Chorionic Gonadotropin
HCL	Hydrochloride
HMG	Hydroxymethylglutaryl
HORM	Hormone
HYPERSENSIT	Hypersensitivity
ID	Idiotype
IG	Immune Globulin
INACTIV	Inactivated
INHIB	Inhibitor(s)
INSUF	Insufficiency
INTRACELL	Intracellular
IUD	Intrauterine Device
MAO	Monamine Oxidase
MICROAGGREG	Microaggregated
MICROS	Microspheres
MONOCLO	Monoclonal
MONOCLON	Monoclonal
MTN	Mountain

NSAID	Nonsteroidal Anti-inflammatory Drugs
NZ	New Zealand
PENTA	Pentavalent
PERTUS	Pertussis
PHARM	Pharmaceutical
POLYPEP	Polypeptide
POLYVAL	Polyvalent
PREPS	Preparations
PROTECT	Protectants
RADIOACT	Radioactive
RECOMB	Recombinant
RESP	Respiratory
RF	Releasing Factor
SOD	Sodium
SOLN	Solution
SSRIS	Selective Serotonin Reuptake Inhibitors
STIM	Stimulants
SUBST	Substances
SURFACT	Surfactants
SUSP	Suspensions
TET	Tetanus
TOP	Topical
TRI/TETRACYC	Tricyclic/Tetracyclic
TRIPHOS	Triphosphate
UNSPEC	Unspecified
VAC/VACC	Vaccine
VAG	Vaginal
W	With
XANTH	Xanthine

E. Specific categories requiring additional naming conventions

1. Radioisotopes:

a. General Format: Element Abbreviation Atomic Weight

EXAMPLE: CHROMIUM CR 51

b. Metastable isotopes: An M is added after the atomic weight.

EXAMPLE: TECHNETIUM TC 99M

c. Labeled Compounds: The radioisotope is listed first, followed by the name of the labeled compound.

EXAMPLE: IODINE I 131 SOD ROSE BENGAL

d. Exceptions to the general format:

I. Salts in which the anion contains an isotope

EXAMPLE: CHROMIC PHOSPHATE P 32

ii. Iodinated compound with name that begins with IODO-

EXAMPLE: IODOHIPPURATE SODIUM I 123

iii. Technetium-labeled agents begin with the abbreviation TC 99M followed by the labeled compound.

EXAMPLE: TC 99M PENTETATE

2. Prostaglandins:

a. In general, the prostaglandins are named as follows:
Prostaglandin Number Descriptive Term (if any)

EXAMPLE: PROSTAGLANDIN F1 ALPHA
 DIMETHYL PROSTAGLANDIN E2

b. When identified, the USAN is used as the prostaglandin term such as DINOPROSTONE and ALPROSTADIL

3. Monoclonal Antibodies:

a. In general, monoclonal antibodies are named as follows:
Anti- Antigen Monoclonal AB

EXAMPLE: ANTI-HCG MONOCLONAL AB

b. FAB fragments of monoclonal antibodies are named as follows: Anti-Antigen Monoclonal AB FAB

EXAMPLE: ANTI-HCG MONOCLONAL AB FAB

4. Antibodies (not monoclonal) format: Anti-Antigen AB

EXAMPLE: ANTI-THYMOCYTE AB

NOTE: When identified, the USAN is used to designate the antibody such as IMMUNE GLOBULIN

II. Drug Code Numbers

Each valid drug term is assigned its own unique code number. This number is based on the therapeutic use, pharmacological activity, and chemical structure of the drug and may be used to determine the drug's pharmacologic therapeutic class. The scheme represents a modification of the American Hospital Formulary Service (AHFS) pharmacologic-therapeutic classification system. See Appendix A for a listing of all category headers.

The first six digits of the drug code identify the hierarchical therapeutic class to which the drug term has been assigned. For example, captopril, an ACE inhibitor, has been assigned the code number 24080203. All drugs classified as ACE inhibitors begin with the number 240802. ACE inhibitors are classified as a subcategory of hypotensive agents. Hypotensive agents begin with the number 2408. These drugs all belong to a larger class of drugs identified as cardiovascular agents that begin with the number 24.

24	CARDIOVASCULAR AGENTS
2408	HYPOTENSIVE AGENTS
240802	HYPOTENSIVE AGENTS-ACE INHIB
24080203	CAPTOPRIL

The seventh and eighth digits are assigned by the Iowa Drug Information Service and have no hierarchical meaning.

Note that for some drug categories (2000000 ANTIGOUT AGENTS, 4000000 ANTIHISTAMINES AND 8000000 ANTIINFECTIVES) the drug number is seven digits.

IDIS has created additional therapeutic categories that are not part of the AHFS pharmacologic therapeutic classification scheme. These include:

2000000 ANTIGOUT AGENTS
14000000 BIOLOGICAL RESPONSE MODIFIERS
94000000 NONTHERAPEUTIC TOXIC SUBSTANCES
95000000 INVESTIGATIONAL AGENTS
97000000 PROSTAGLANDINS (NOT ELSEWHERE CLASSIFIED)
98000000 PROSTAGLANDIN ANTAGONISTS
99990000 BOOK AND SOFTWARE REVIEWS

III. Drug Thesaurus

Valid drug terms appear in the thesaurus in upper case followed by their unique code numbers.

The cross reference terms include foreign and U.S. trade names as well as synonyms. These terms are usually listed with the first letter of each word in upper case with subsequent letters in lower case. They are followed by either "See" or "See Under." Cross reference terms that are a single drug entity use "See" to direct the user to the appropriate valid drug term.

Example: Erythropoietin
See EPOETIN 20040002

Combination drug products use "See Under" to direct the user to the appropriate valid drug terms.

Example: Bactrim
See Under SULFAMETHOXAZOLE 8240006
See Under TRIMETHOPRIM 8400071

IV. Drug Vocabulary and Thesaurus File Technical Specifications

A. The layout of the drug file is:

Field Name	Field Type
Drug Code	8 characters
Drug Name	30 characters

This file is created in comma-delimited format. For example:

```
"2000000","ANTIGOUT AGENTS"  
"2000001","COLCHICINE ANALOGS"  
"2000002","COLCHICINE"
```

B. The layout of the thesaurus file is:

Field Name	Field Type
Term	120 characters
Drug Name 1	40 characters
Drug Code 1	8 characters
Drug Name 2	40 characters
Drug Code 2	8 characters
Drug Name 3	40 characters
Drug Code 3	8 characters

This file is created in a comma-delimited format, for example:

```
"Acrosoxacin","See ROSOXACIN","8122010",,,,  
"Acrylic Cement","See METHYLMETHACRYLATE","92000217",,,,  
"Act-HIB","See Under TETANUS TOXOID","80080007","See Under  
HEMOPHILUS INFLUENZAE B VACCIN","80120012",,,
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C. Medium of Delivery:

The *IDIS* Drug Vocabulary and Thesaurus File is delivered via an email attachment or on a 3.5 inch diskette.

D. Update Frequency:

Complete, updated copies of the entire file can be delivered monthly or quarterly (March, June, September, December). Separate paper lists of all drug name and number terms and thesaurus terms new or changed for each update can be provided.

V. Bibliography

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4. British pharmacopoeia. London: Published for the General Medical Council by Constable & Co.; 2002.
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Appendix A

MODIFIED AHFS DRUG CLASSIFICATION SYSTEM

2000000	ANTIGOUT AGENTS
2000200	ANTIGOUT AGENTS-URICOSURICS
2000400	ANTIGOUT-XANTH OXIDASE INHIB
4000000	ANTIHISTAMINES
8000000	ANTIINFECTIVES
8040000	AMEBICIDES
8080000	ANTHELMINTICS
8120000	ANTIBIOTICS
8120200	ANTIBIOTICS-AMINOGLYCOSIDES
8120400	ANTIBIOTICS-ANTIFUNGAL
8120501	ANTIFUNGALS-IMIDAZOLES
8120600	ANTIBIOTICS-CEPHALOSPORINS
8120800	ANTIBIOTICS-CHLORAMPHENICOLS
8121200	ANTIBIOTICS-MACROLIDES
8121600	ANTIBIOTICS-PENICILLINS
8122000	ANTIBIOTICS-QUINOLONES
8122400	ANTIBIOTICS-TETRACYCLINES
8122800	ANTIBIOTICS-OTHER
8123000	ANTIBIOTICS-RIFAMYCINS
8160000	ANTITUBERCULARS
8180000	ANTIVIRALS
8180800	ANTIVIRALS-ANTIRETROVIRALS
8200000	PLASMODICIDES (ANTIMALARIALS)
8240000	SULFONAMIDES
8260000	SULFONES
8320000	TRICHOMONACIDES
8360000	URINARY GERMICIDES
8400000	ANTIINFECTIVES-OTHER
00100000	PHARMACOLOGICAL AGENTS
10000000	ANTINEOPLASTIC AGENTS
10020000	ANTINEOPLASTICS-ALKALOIDS
10020400	VINCA ALKALOIDS
10030000	ANTINEOPLASTICS-ANTIBIOTICS

10040000	ANTINEOPLASTICS-ALKYLATING
10040400	NITROGEN MUSTARDS
10040800	PLATINUM DERIVATIVES
10041200	NITROSOUREAS
10080000	ANTIMETABOLITES
10080400	ANTIMETABOLITES-PYRIMIDINE
10080800	ANTIMETABOLITES-PURINE
10081200	ANTIMETABOLITES-FOLIC ACID
10081600	ANTIMETABOLITES-GLUTAMINE
10100000	ANTINEOPLASTICS-HORMONAL
10120000	ANTINEOPLASTICS-OTHER
12000000	AUTONOMIC AGENTS
12040000	PARASYMPATHOMIMETIC AGENTS
12080000	PARASYMPATHOLYTIC AGENTS
12080800	ANTIPARKINSONIAN AGENTS
12120000	SYMPATHOMIMETIC AGENTS
12160000	SYMPATHOLYTIC AGENTS
12160100	BETA-ADRENERGIC BLOCKERS
12160400	ALPHA-ADRENERGIC BLOCKERS
12200000	SKELETAL MUSCLE RELAXANTS
14000000	BIOLOGICAL RESPONSE MODIFIERS
14000200	INTERFERONS
14000400	INTERLEUKINS
14000600	POLYRIBONUCLEOTIDES
14000700	OLIGONUCLEOTIDES, ANTISENSE
14000800	GENE THERAPY
16000000	BLOOD DERIVATIVES
20000000	BLOOD FORMATION AND COAGULATION
20040000	ANTI-ANEMIA AGENTS
20040400	IRON PREPARATIONS
20040800	LIVER & STOMACH PREPS
20120000	COAGULANTS AND ANTICOAGULANTS
20120200	ANTICOAGULANTS-COUMARIN DERIV
20120300	ANTICOAGULANTS-INDANEDIONE
20120400	ANTICOAGULANTS-OTHER
20120600	PLATELET AGGREGAT INHIBITORS
20120800	ANTIHEPARIN AGENTS
20121200	COAGULANTS

20121600	HEMOSTATICS
20400000	THROMBOLYTIC AGENTS
24000000	CARDIOVASCULAR AGENTS
24040000	CARDIAC AGENTS
24040100	CARDIAC GLYCOSIDES
24060000	ANTILIPEMIC AGENTS
24060200	ANTILIPEMIC AGENTS-HMG COA REDUC
24060400	ANTILIPEMIC AGENTS-FIBRIC ACID
24080000	HYPOTENSIVE AGENTS
24080200	HYPOTENSIVE AGENTS-ACE INHIB
24080400	HYPOTENSIVE AGENTS-ANGIOTEN II
24120000	VASODILATING AGENTS
24120200	VASODILATORS-NITRATES
24120400	VASODILATORS-CA CHANNEL BLOCK
24160000	SCLEROSING AGENTS
28000000	CENTRAL NERVOUS SYSTEM AGENTS
28040000	ANESTHETICS (GENERAL)
28080000	ANALGESICS & ANTIPYRETICS
28080400	NSAID
28080750	SALICYLATES (artificial category)
28080800	ANALGESICS-OPIOID
28081200	ANALGESICS & ANTIPYRET-OTHER
28100000	OPIOID ANTAGONISTS
28120000	ANTICONVULSANTS
28120400	ANTICONVULS-BARBITURATES
28120800	ANTICONVULS-HYDANTOINS
28121200	ANTICONVULS-OXAZOLIDINEDIONES
28121600	ANTICONVULS-SUCCINIMIDES
28122000	ANTICONVULS-OTHER
28160000	PSYCHOTHERAPEUTIC AGENTS
28160400	ANTIDEPRESSANTS-OTHER
28160500	ANTIDEPRESSANTS-MAO INHIB
28160600	ANTIDEPRESSANTS-TRI/TETRACYCLIC
28160700	ANTIDEPRESSANTS-SSRIS
28160800	ANTIPSYCHOTICS-OTHER
28160900	ANTIPSYCHOTICS-PHENOTHIAZINES
28161000	ANTIPSYCHOTICS-BUTYROPHENONES
28161200	PSYCHOTHERAPEUTIC AGTS-OTHER
28200000	RESPIRATORY & CEREBRAL STIM
28240000	ANXIOLYTICS

28240200	ANXIOLYTICS-BENZODIAZEPINES
28240400	ANXIOLYTICS-BARBITURATES
28240800	ANXIOLYTICS-OTHER
28280000	DOPAMINERGICS
34000000	DENTAL AGENTS
36000000	DIAGNOSTIC AGENTS
36040000	DIAGNOSTICS-ADRENOCORT INSUF
36060000	DIAGNOSTICS-ALLERGY
36080000	DIAGNOSTICS-AMYLOIDOSIS
36120000	DIAGNOSTICS-BLOOD VOLUME
36160000	DIAGNOSTICS-BRUCELLOSIS
36180000	DIAGNOSTICS-CARDIAC FUNCTION
36240000	DIAGNOSTICS-CIRCULATION TIME
36260000	DIAGNOSTICS-DIABETES MELLITUS
36280000	DIAGNOSTICS-DIPHThERIA
36300000	DIAGNOSTICS-DRUG HYPERSENSIT
36320000	DIAGNOSTICS-FUNGI
36340000	DIAGNOSTICS-GALL BLADDER FUNC
36360000	DIAGNOSTICS-GASTRIC FUNCTION
36380000	DIAGNOSTICS-INTESTINAL ABS
36400000	DIAGNOSTICS-KIDNEY FUNCTION
36440000	DIAGNOSTICS-LIVER FUNCTION
36480000	DIAGNOSTICS-LYMPHOGRANULOMA
36520000	DIAGNOSTICS-MUMPS
36560000	DIAGNOSTICS-MYASTHENIA GRAVIS
36600000	DIAGNOSTICS-MYXEDEMA
36610000	DIAGNOSTICS-PANCREATIC FUNCT
36620000	DIAGNOSTICS-PHENYLKETONURIA
36640000	DIAGNOSTICS-PHEOCHROMOCYTOMA
36660000	DIAGNOSTICS-PITUITARY FUNCT
36680000	DIAGNOSTICS-ROENTGENOGRAPHY
36720000	DIAGNOSTICS-SCARLET FEVER
36760000	DIAGNOSTICS-SWEATING
36800000	DIAGNOSTICS-TRICHINOSIS
36840000	DIAGNOSTICS-TUBERCULOSIS
36880000	DIAGNOSTICS-URINE CONTENTS
40000000	ELECTROLYTE SOLUTIONS
40040000	ACIDIFYING AGENTS
40080000	ALKALINIZING AGENTS

40100000	AMMONIA DETOXICANTS
40120000	REPLACEMENT SOLUTIONS
40120400	TRACE ELEMENTS
40120800	FLUORIDES
40121200	CALCIUM SUPPLEMENTS
40160000	RESINS-SODIUM-REMOVING
40170000	RESINS-POLYSTYRENE
40180000	RESINS-POTASSIUM-REMOVING
40200000	CALORIC (& NUTRIENT) AGENTS
40200400	AMINO ACIDS
40240000	SALT & SUGAR SUBSTITUTES
40280000	DIURETICS
40280100	DIURETICS-THIAZIDE
40280200	DIURETICS-MERCURIAL
40280300	DIURETICS-PYRAZINE
40280400	DIURETICS-LOOP
40360000	IRRIGATING SOLUTIONS
44000000	ENZYMES
44100000	ENZYME INHIBITORS
48000000	EXPECTORANTS & ANTITUSSIVES
52000000	EENT AGENTS
52040000	ANTIINFECTIVES (EENT)
52040400	ANTIBIOTICS (EENT)
52040600	ANTIVIRALS (EENT)
52040800	SULFONAMIDES (EENT)
52041200	ANTINFECTIVES (EENT)-OTHER
52080000	ANTIINFLAMMATORY AGENTS (EENT)
52100000	CARB ANHYDRASE INHIB (EENT)
52120000	CONTACT LENS SOLUTIONS
52160000	ANESTHETICS (EENT)
52200000	MIOTICS
52240000	MYDRIATICS
52280000	MOUTHWASHES & GARGLES
52320000	VASOCONSTRICTORS (EENT)
52360000	EENT AGENTS-OTHER
56000000	GASTROINTESTINAL AGENTS
56040000	ANTACIDS & ADSORBENTS

56080000	ANTIDIARRHEA AGENTS
56100000	ANTIFLATULENTS
56120000	CATHARTICS
56140000	CHOLELITHOTHERAPEUTIC AGENTS
56160000	DIGESTANTS
56200000	EMETICS
56220000	ANTIEMETICS
56240000	LIPOTROPIC AGENTS
56260000	ANTIULCER AGENTS
56260400	ANTIULCER-H2 ANTAGONISTS
56260600	ANTIULCER-PROTON PUMP INHIB
56400000	GASTROINTESTINAL AGENTS-OTHER
60000000	GOLD COMPOUNDS
64000000	HEAVY METAL ANTAGONISTS
68000000	HORMONES & SYNTHETIC SUBSTANCE
68040000	CORTICOSTEROIDS
68080000	ANDROGENS
68080400	ANTIANDROGENS
68100000	CONTRACEPTIVES (IMPLANT)
68120000	CONTRACEPTIVES (ORAL)
68160000	ESTROGENS
68160400	ANTIESTROGENS
68180000	GONADOTROPINS
68180900	GONADORELIN ANTAGONISTS
68200000	INSULINS & ANTIDIABETIC AGTS
68200400	HYPOGLYCEMICS (ORAL)-OTHER
68200600	SULFONYLUREAS
68200800	INSULINS
68220000	HORMONES-GASTROINTESTINAL
68240000	HORMONES-PARATHYROID
68280000	HORMONES-PITUITARY
68320000	PROGESTOGENS
68340000	HORMONES-CORPUS LUTEUM-OTHER
68360000	THYROID & THYROID ANTAGONISTS
68360400	THYROID AGENTS
68360800	ANTITHYROID AGENTS
68400000	HORMONES-THYMUS
72000000	ANESTHETICS (LOCAL)

76000000	OXYTOCICS
78000000	RADIOACTIVE & ANTIRAD AGTS
78040000	RADIOISOTOPES
78040200	TECHNETIUM TC 99M AGENTS
78040400	RADIOACT AGENTS-IODINE-OTHER
78040500	IODINE I 125 AGENTS
78040600	IODINE I 131 AGENTS
78040700	RADIOACTIVE AGENTS-PHOSPHORUS
78040800	RADIOACT AGTS-CYANOCOBALAMIN
78040900	RADIOACTIVE AGENTS-INDIUM
78080000	RADIATION PROTECTANTS
78120000	RADIATION SENSITIZERS
80000000	SERUMS, TOXOIDS, & VACCINES
80040000	SERUMS
80080000	TOXOIDS
80120000	VACCINES
80120800	CONTRACEPTIVES (VACCINE)
80160000	ALLERGENIC EXTRACTS
80162000	ALLERGENIC EXTRACTS-ANIMAL
80162200	EPIDERMAL EXTRACTS
80162400	INSECT VENOM EXTRACTS
80162600	SPIDER VENOM EXTRACTS
80164000	ALLERGENIC EXTRACT-PLANT
80164200	OLEORESINS
80164400	POLLEN EXTRACTS
80166000	ALLERGENIC EXTRACTS-FUNG/BACT
80168000	ALLERGENIC EXTRACTS-FOOD
82000000	BIOLOGICALS-OTHER
82000200	BACTERIOPHAGES
82000400	MONOCLONAL ANTIBODIES
82000600	ANTI-ID ANTIBODIES
82000800	MONOCLONAL FAB
84000000	SKIN & MUCOUS MEMBRANE AGENTS
84040000	ANTIINFECTIVES (TOP)
84040100	SULFONAMIDES (TOPICAL)
84040400	ANTIBIOTICS (TOPICAL)
84040800	ANTIFUNGALS (TOPICAL)

84041200	SCABICIDES & PEDICULICIDES
84041600	ANTIINFECTIVES (TOP)-OTHER
84060000	ANTIINFLAMMATORY AGTS (TOP)
84080000	ANESTHETICS & ANTIPRURIT (TOP)
84120000	ASTRINGENTS
84160000	CELL STIM & PROLIFERANTS
84200000	DETERGENTS
84220000	CONTRACEPTIVES (VAG/UTERINE)
84220400	CONTRACEPTIVES (SPERMATICIDES)
84220800	CONTRACEPTIVES (INTRAUTERINE)
84240000	EMOLLIENTS, DEMUL & PROTECT
84240400	BASIC LOTIONS & LINIMENTS
84240800	BASIC OILS & SOLVENTS
84241200	PROTECTANTS & BASIC LINIMENTS
84241600	BASIC POWDERS & DEMULCENTS
84280000	KERATOLYTIC AGENTS
84320000	KERATOPLASTIC AGENTS
84360000	SKIN & MUCOUS MEMBRANE-OTHER
84500000	PIGMENTING & DEPIGMENTING AGTS
84500400	DEPIGMENTING AGENTS
84500600	PIGMENTING AGENTS
84800000	SUNSCREEN AGENTS
86000000	SPASMOLYTIC AGENTS
88000000	VITAMINS
88040000	VITAMIN A DERIVATIVES
88080000	VITAMIN B COMPLEX
88120000	VITAMIN C DERIVATIVES
88160000	VITAMIN D & DERIVATIVES
88200000	VITAMIN E & DERIVATIVES
88240000	VITAMIN K & DERIVATIVES
88280000	MULTIVITAMIN PREPARATIONS
88320000	BIOFLAVINOIDS
92000000	UNCLASSIFIED THERAPEUTIC AGTS
92403000	ANOREXIGENICS
92510000	HERBAL MEDICINES
92520000	NATURAL PRODUCTS-OTHER
94000000	NONTHERAPEUTIC/TOXIC SUBST
94040000	PESTICIDES

94040400	ORGANOPHOSPHORUS COMPOUNDS
94040600	HERBICIDES
94040800	INSECT- & PESTICIDES-OTHER
94080000	METALS-TOXIC
94120000	ALLERGENS-ENVIRONMENTAL
95000000	INVESTIGATIONAL AGENTS
96000000	PHARMACEUTICAL AIDS
96002000	PHARM AIDS-PRESERVATIVES
96003000	PHARM AIDS-PH ADJUSTMENT
96004000	PHARM AIDS-FLAVORING AGENTS
96005000	PHARM AIDS-SUSP/EMULS/SURFACT
96006000	PHARM AIDS-SOLVENTS/VEHICLES
96007000	PHARM AIDS-PERFUMES
96008000	PHARM AIDS-COLORS/DYES
96009000	PHARM AIDS-COATING AGENTS
97000000	PROSTAGLANDINS
98000000	PROSTAGLANDIN ANTAGONISTS
99990000	BOOK REVIEW
99990100	SOFTWARE REVIEW

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