

P450GUIDE

COMPREHENSIVE
ENZYMATIC
DRUG METABOLISM
REFERENCE

2nd Edition

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&

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INTRODUCTION

The P450GUIDE was developed in response to the growing need for a concise, all inclusive resource on enzymatic drug metabolism. Over the past decade, research in this area has escalated (as indicated by the chart below) due to the potential for life threatening drug interactions.

Analysis of the literature yielded many excellent articles, reviews, and medical specialty specific guides, but an easy to use, comprehensive reference was not available. As a result, the concept for the P450GUIDE was developed, and the painstaking research needed to compile the necessary data ensued. At present, the P450GUIDE utilizes drug metabolism information from over 4500 resources. The data is weighted heavily towards human *in vivo* and *in vitro* studies, with additional information gleaned from animal studies closely correlated to humans. The P450GUIDE lists all enzymes shown by research to affect each drug. Some of these enzymes may have little to no currently apparent impact on the drug's *in vivo* metabolism, but the studies have shown the need for inclusion due to the limited number of competitors tested, the genetic diversity of most of the enzymes (some having over 15 variants), and the probability of more than one drug binding site on some enzymes. A clear example of the need for a complete roster of enzymes potentially impacting each drug is the poor and extensive 2D6 metabolizer subtypes. A genetic preponderance of any poorly functioning variant shunts metabolism to other enzymes usually seen as having little or no involvement in other individuals. The result is a scaled system of metabolism, inhibition, and induction based on kinetic, genetic, and clinical studies. Four levels of effect are indicated. First, absence of an enzyme in a drug's roster indicates no known involvement. Second, third, and fourth are gradually increasing effects on the drug, indicated as minimal ($\rightarrow\downarrow\uparrow$), moderate($\Rightarrow\downarrow\uparrow$), and significant ($\Rightarrow\downarrow\uparrow$), the P450GUIDE is a useful resource derived from a consistently applied set of review standards for most of the currently prescribed drugs, as well as a growing list of foods, herbs, chemicals and even disease processes.

OVERVIEW OF METABOLIZING ENZYMES

Drug / chemical metabolism in the human body is accomplished by 3 major groups of enzymes. The first are the Phase 1 enzymes. These enzymes catalyze the major metabolic reaction of hydroxylation as well as other reactions including deamination, dehalogenation, desulfuration, epoxidation, peroxygenation, and reduction. The cytochrome P450 enzymes are the major class of enzymes responsible for Phase 1 reactions. In humans, there are at least 46 cytochrome P450 subtypes, and 14 of these are currently known to participate in drug metabolism to one degree or another. Of these, at least half have more than one expressed genetic variant, leading to variability in their ability to metabolize compounds. This variability in metabolic ability has been reduced in most cases to 2 extremes (poor or extensive), but in actuality spans the entire range. The most prominent examples of variant differences are found in the 2C19 and 2D6 subtypes, although 1A1, 1B1, 2A6, 2C9, 2E1, and 3A4 also have genetic variants. In addition to variant differences in metabolism, 3A4, which has at least 2 known variants, has also recently been found to possess at least two binding sites utilized in metabolism. This potentially accounts for the differences seen in substrate inhibition studies with known 3A4 reactants, and further complicates the growing drug metabolism picture. Of the P450 enzymes, 3A4 is the most prominent in the liver, and the liver is the principle site of P450 catalyzed drug metabolism. The table below (although not all-inclusive) illustrates other tissue types containing P450 enzymes. In addition, the number of known variants of each P450 subtype are listed to demonstrate the potential for a broad variance in metabolic activity.

Enzyme	Tissue Locations	# of Variants
1A1	lung, placenta, brain, liver, skin, small intestine, bone marrow	10 or more
1A2	liver	7 or more
1B1	monocytes, macrophages, skin, breast	6 or more
2A6	liver	5 or more
2B6	lung, liver, kidney, brain	?
2C8	liver	?
2C9	liver	3 or more
2C18	liver, skin	?
2C19	liver, skin	5 or more
2D6	liver, bone marrow	17 or more
2E1	lung, lymphocytes, liver, bone marrow	5 or more
3A4	lung, liver, small intestine, bone marrow	2 or more
3A5	lung, liver, small intestine, kidney	?
3A7	embryonic & fetal liver	?

The second group of enzymes involved in drug/chemical metabolism are the Phase 2 enzymes. This group of enzymes catalyzes hydrolysis and methylation as well as various conjugation reactions including conjugation with glucuronic acid, glutathione, sulfate, acetate and certain amino acids. Often these reactions occur after the action of a Phase 1 enzyme, but the Phase 2 enzymes may also catalyze metabolism of some previously unchanged drugs. The general purpose of the Phase 2 reactions is to produce a water soluble product that can be excreted. Some of the Phase 2 enzymes also have genetic variants, leading to potential alterations in drug metabolism. The best known of these is N-acetylase, but glucuronyl transferase and glutathione transferase also have a large number of variants. Again, a table showing some tissue locations and variant numbers follows this paragraph.

Enzyme	Tissue Locations	# of Variants
cysteine transferase	?	?
glucuronyl transferase	liver, kidney, brain, testis, pancreas, prostate, skin, breast, lung, placenta, adipose, adrenal, small intestine	22 or more
glutathione transferase	liver, breast	11 or more
methyl transferase	?	2 or more
N-acetylase	liver, breast	20 or more
sulfo transferase	skin, breast	8 or more

Finally, there is a large list of enzymes that participate in drug metabolism to some degree, and are often disregarded in discussions of drug interactions. A list of these, along with tissue locations and number of known variants is provided below. Some of these are very prominent in adverse drug reactions/ interactions, such as disulfiram with alcohol/aldehyde dehydrogenase.

Enzyme	Tissue Locations	# of Variants
alcohol/aldehyde dehydrogenase	liver, stomach	3 or more
aldehyde oxidase	liver	?
aldo-keto reductase	liver	3 or more
alkaline phosphatase	bone, liver	?

beta-oxidation enzymes	liver	?
catechol-O-methyl transferase	nerve, brain, breast, placenta	?
epoxide hydrolase	liver, breast	2 or more
flavin-containing monooxygenase-1	?	?
flavin-containing monooxygenase-2	?	?
flavin-containing monooxygenase-3	liver	2 or more
flavin-containing monooxygenase-4	?	?
flavin-containing monooxygenase-5	liver	?
monoamine oxidase A	neural	?
monoamine oxidase B	liver, stomach, kidney, intestines	?
plasma cholinesterase	blood	?
quinone oxidoreductase	?	2 or more
xanthine oxidase	liver, kidney, small intestine	?

The variable functionality of the P450 subtypes combined with strong inducers or inhibitors can dramatically affect the metabolic path of a drug. This concept applies to all of the enzymes currently known to participate in drug metabolism.

LEGEND & USAGE GUIDE

The P450GUIDE is organized alphabetically both by generic and trade drug names, with inclusion of some foods, herbs, chemicals, illicit drugs and diseases when data for them is available. Metabolizing enzymes, if known, are found in brackets following all entries. All entries are cross-referenced to other trade name drugs containing the same generic components. Additionally, relative extents of metabolism, inhibition, and induction of the relevant enzymes are shown (as per the tables on the following page). These kinetic estimates are the result of an extensive and ongoing review of the literature available including weighted assessments of *in vivo*, *in vitro*, and well-characterized animal studies.

* = enzyme has 2 or more genetic variants
= enzyme has 2 or more drug binding sites

∅ = No documented metabolism, induction, or inhibition
? = Unknown metabolic fate
AD* = Alcohol/Aldehyde Dehydrogenase
AKR* = Aldo-Keto Reductase
AO = Aldehyde Oxidase
AP = Alkaline Phosphatase
BO = Beta-Oxidation
COMT = Catechol-O-Methyl Transferase
CT = Cysteine Transferase
EH* = Epoxide Hydrolase
EU = Excreted Unchanged
FMO1 = Flavin-containing Monooxygenase 1
FMO2 = Flavin-containing Monooxygenase 2
FMO3* = Flavin-containing Monooxygenase 3
FMO4 = Flavin-containing Monooxygenase 4
FMO5 = Flavin-containing Monooxygenase 5
GNT* = Glutathione Transferase
GT* = Glucuronyl Transferase
H? = Hepatic metabolism, unknown enzymes
MAO* = Monoamine Oxidase (A&B, or unknown type)
MAO-A = Monoamine Oxidase A
MAO-B = Monoamine Oxidase B
MB = Metabolized in the Blood
MK = Metabolized in the Kidney
MT* = Methyltransferase

NA* = N-Acetylation
 PC = Plasma Cholinesterase
 QO* = Quinone Oxidoreductase
 ST* = Sulfo-Transferase
 XO = Xanthine Oxidase

P450 ENZYMES

1A1* 2A6* 3A4*#
 1A2* 2B6 3A5
 1B1* 2C8 3A7
 2C9*
 2C18
 2C19*
 2D6*
 2E1*

Drug metabolized by enzyme

minimally = →
 moderately = ⇨
 significantly = ➔

Drug inhibits enzyme

minimally = ↓
 moderately = ⇓
 significantly = ⚡

Drug induces enzyme

minimally = ↑
 moderately = ⇑
 significantly = ⚡

EXAMPLES:

amiodarone [1A1↓, 1A2→↓, 2A6↓, 2B6↓, 2C8➔, 2C9↓, 2C19→↓, 2D6→↓, 3A4➔↓] (Cordarone, Pacerone)

Amiodarone inhibits P450 3A4 to a minimal extent. It also inhibits P450 1A1, 1A2, 2A6, 2B6, 2C9, 2C19 and 2D6 significantly. Amiodarone is significantly metabolized by P450 2C8 and 3A4, and minimally by P450 1A2, 2C19, and 2D6.

metoprolol [2D6➔↓] (Lopressor, LopressorHCT, Toprol XL)

Metoprolol is significantly metabolized by P450 2D6 and also significantly inhibits the same enzyme (probably by competitive inhibition).

DATA

A-200 [1A2↑, 2B6➔↓↑] (*piperonyl butoxide* \ *pyrethrins*)

abacavir [AD➔,GT➔] (*Ziagen*)

Abbokinase [?] (*urokinase*)

abciximab [Ø] (**ReoPro**)

Abelcet [GNT↓] (*amphotericin B*)

Abreva [?] (**docosanol**)

acarbose [Ø] (**Precose**)

Accolate [1A2↓, 2C9➔↓, 3A4↓] (*zafirlukast*)

Accupril [3A4➔, GNT➔] (*quinapril*)

Accuretic [3A4➔, GNT➔] (**hydrochlorothiazide** \ **quinapril**)

Accutane [1A1➔↓, 2C8➔↓, 2C19➔↓, 3A4➔] (**isotretinoin**)

acebutolol [H?] (**Sectral**)

Acel-Immune [Ø] (**DTaP, diphtheria-tetanus-acellular pertussis vaccine**)

Aceon [H?, GT➔] (**perindopril**)

Acphen [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (*acetaminophen*)

acetaminophen [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (Acphen, Anexsia, Capital, Darvocet, Duradrin, Esgic, Fioricet, Lorcet, Lortab, Midchlor, Midrin, Norco, Panadol, Percocet, Roxicet, Talacen, Tempra, Tylenol, Tylox, Vicodin, Wygesic, Zydone)

acetazolamide [EU, 3A4↓] (**Diamox**)

acetic acid [Ø] (Domeboro, VoSol-otic, VoSol HC)

acetoxyhydroxamic acid [?] (Lithostat)

acetone [2C9↑, 2E1⇒↓↑]

acetonitrile [2C9↓↑]

acetophenazine [?] (**Tindal**)

acetylcysteine [Ø] (**Mucomyst**)

acetylene [?]

Achromycin [3A4⇒↓, GT⇒↓] (**tetracycline**)

Aciphex [1A1↑, 2C19⇒↓, 3A4⇒↓, GT⇒] (**rabeprazole**)

acitretin [3A4⇒] (Soriatane)

aclometasone dipropionate [2D6↑, 3A4⇒↑↓] (Aclovate)

Aclovate [2D6↑, 3A4⇒↑↓] (**aclometasone dipropionate**)

acrolein [GNT→]

acrylamide [2E1⇒, GNT⇒]

acrylonitrile [2E1⇒, GNT⇒]

ActHIB [Ø] (**hemophilus b vaccine**)

Acticin [H?, 2B6↑] (**permethrin**)

Acticort [2D6↑, 3A4⇒↑↓] (**hydrocortisone**)

Actifed [2D6⇒↓, MAO↓] (**pseudoephedrine \ triprolidine**)

Actigall [GNT↑] (**ursodiol \ ursodeoxycholic acid**)

Actinex [?] (**masoprocol**)

Actiq [3A4⇒↓, GT⇒↓] (**fentanyl**)

Activase [Ø] (**alteplase, t-PA**)

Activella [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estradiol \ norethindrone**)

Actonel [?] (**risedronate**)

Actos [H?, GT→, ST→] (**pioglitazone**)

Actron [GT⇒↓] (**ketoprofen**)

Acular [GT⇒↓] (**ketorolac**)

Acular PF [GT⇒↓] (**ketorolac**)

Acutrim [1A2→, MAO→↓] (**phenylpropanolamine**)

acyclovir [AD→, AO→] (Zovirax)

Adalat [3A4→↓] (**nifedipine**)

adapalene [Ø] (Differin)

Adapin [1A2→, 2D6→↓, 3A4→, GT→] (**doxepin**)

Adatomed [Ø] (**silicone oil**)

Adderall [2D6→] (**amphetamine \ dextroamphetamine**)

Adenocard [Ø] (**adenosine**)

Adenoscan [Ø] (**adenosine**)

adenosine [Ø] (Adenocard, Adenoscan)

ADH [Ø] (Pitressin)

Adriamycin [2D6↓, 3A4→↓, AKR→, GNT→] (**doxorubicin**)

Adrucil [3A4→↓] (**fluorouracil, 5-FU**)

Advil [2C8→, 2C9→, BO↓, GNT↑, NA↓, ST↓] (**ibuprofen**)

AeroBid [3A4→] (**flunisolide**)

aflatoxin B1 [3A4→, GNT→]

Afrin [MAO↑] (**oxymetazoline \ pseudoephedrine**)

Agenerase [3A4→↓] (**amprenavir**)

Aggrastat [Ø] (**tirofiban**)

Aggrenox [GNT↑, GT→↓, QO↑] (**aspirin \ dipyridamole**)

Agoral [Ø] (**mineral oil**)

Agrylin [?] (**anagrelide**)

Akbeta [GT→, ST→] (**levobunolol**)

AK-Con [?] (**naphazoline**)

AK-Dex [2D6↑, 3A4→↑↓] (**dexamethasone**)

Akineton [2D6→↓] (**biperiden**)

AK-Mycin [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

AK-Pentolate [?] (**cyclopentolate**)

AK-Pred [2D6↑, 3A4→↑↓] (**prednisolone**)

alachlor [3A4→]

Alamast [?] (**pemirolast**)

alatrofloxacin [GT⇒, NA→, ST→] (Trovan)

Albalon [?] (**naphazoline**)

albendazole [FMO3→] (Albenza)

Albenza [FMO3→] (**albendazole**)

albumin [Ø] (Albuminar, Optison)

Albuminar [Ø] (**albumin**)

albuterol [?] (Combivent, Proventil, Ventolin, Volmax)

Aldactazide [H?, ST↓] (**HCTZ \ spironolactone**)

Aldactone [H?, ST↓] (**spironolactone**)

Aldara [Ø] (**imiquimod**)

aldesleukin [1A2↓ 2C?↓, 2E1↓, 3A4↓] (**interleukin-2**, Proleukin)

Aldoclor [ST→] (**chlorothiazide \ methyldopa**)

Aldomet [ST→] (**methyldopa**)

alendronate [Ø] (Fosamax)

Alesse [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ levonorgestrel**)

Aleve [1A2→, 2C8→, 2C9→, GT→↓] (**naproxen**)

Aleve Cold & Sinus [1A2→, 2C8→, 2C9→, GT→↓, MAO↓] (**naproxen \ pseudoephedrine**)

Alfenta [3A4→] (**alfentanil**)

alfentanil [3A4→] (Alfenta)

Alferon N [1A1↓, 1A2↓, 2B6↓, 3A4↓] (**interferon alpha-n3**)

alglucerase [Ø] (Ceredase)

alitretinoin [1A1→, 1A2→, 2C9→, 3A4→] (Panretin)

Alkeran [MB, GNT→] (**melfhalan**)

Allegra [Ø] (**fexofenadine**)

Allegra-D [MAO↓] (**fexofenadine \ pseudoephedrine**)

Aller-Chlor [2D6⇒↓, 3A4→, FMO?→, ST⇒↓] (**chlorpheniramine**)

Allercon [2D6⇒↓, MAO↓] (**pseudoephedrine \ triprolidine**)

allopurinol [XO↓] (Purinol, Zyloprim)

allylisopropylacetamide [GNT↑]

aloe vera [1A2→]

Alomide [XO↓] (**lodoxamine**)

Alora [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST⇒] (**estradiol**)

alosetron [1A2⇒↓, 2C9⇒, 2E1↓, 3A4→, GT⇒, NA↓] (Lotronex)

Alphagan [AO⇒] (**brimonidine, brominide tartrate**)

alprazolam [3A4⇒] (Xanax)

alprostadil [∅] (Edex, Caverject, Muse)

Alrex [AO⇒] (**loteprednol**)

Altace [3A4⇒, GT⇒] (**ramipril**)

alteplase [∅] (Activase)

Alternagel [∅] (**aluminum hydroxide**)

altretamine [H?] (Hexalen)

aluminum hydroxide [∅] (Alternagel, Alu-tab, Amphojel, Maalox, Mylanta)

Alupent [ST⇒] (**metaproterenol**)

Alu-tab [∅] (**aluminum hydroxide**)

amantadine [NA→] (Symmetrel)

Amaryl [2C9⇒] (**glimepiride**)

Ambien [1A2⇒, 2C9⇒, 2C19→, 2D6→, 3A4⇒] (**zolpidem**)

Ambisome [GNT↓] (**amphotericin B**)

ambroxol [3A4→]

amcinonide [2D6↑, 3A4⇒↑↓] (Cyclocort)

Amen [2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑] (**medroxyprogesterone**)

Amerge [H?] (**naratriptan**)

Amicar [EU] (**aminocaproic acid**)

Amidate [?] (**etomidate**)

amifostine [AP⇒] (Ethyol)

amikacin [EU] (Amikin)

Amikin [EU] (**amikacin**)

amiloride [EU] (Midamor, Moduretic)

aminocaproic acid [EU] (Amicar)

aminofluorene [1A2→]

aminolevulinic acid [?] (Levulan)

aminophylline [1A2→, 2E1→, XO→]

aminopyrine [1A2⇒, 2C8⇒, 2C18⇒, 2C19→, 2D6⇒, 2E1→]

amiodarone [1A1→↓, 1A2→↓, 2A6↓, 2B6↓, 2C8→, 2C9↓, 2C19→↓, 2D6→↓, 3A4→↓] (Cordarone, Pacerone)

amitriptyline [1A2→, 2C9⇒, 2C19→, 2D6→↓, 3A4⇒↓, GT→↓] (Elavil, Endep, Etrafon, imbitrol, Triavil)

amlexanox [H?] (Aphthasol)

amlodipine [3A4→] (Lotrel, Norvasc)

amobarbital [2B6→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (Tuinal)

amoxapine [2D6→] (Asendin)

amoxicillin [EU] (Amoxil, Augmentin, Polymox, Prevpac)

Amoxil [EU] (**amoxicillin**)

amphetamine [2D6→] (Adderall)

Amphojel [Ø] (**aluminum hydroxide**)

Amphotec [GNT↓] (**amphotericin B**)

amphotericin B [GNT↓] (Abelcet, Ambisome, Amphotec, Fungizone)

ampicillin [EU] (Omnipen, Principen, Unasyn)

amprenavir [3A4→↓] (Agenerase)

amrinone [GT→, GNT↓, NA→] (Inocor)

Anafranil [1A2→, 2C19⇒, 2D6→↓, 3A4→↓, GT→] (**clomipramine**)

anagrelide [?] (Agrylin)

Ana-Kit [COMT→, MAO→] (**epinephrine**)

Anaprox [1A2→, 2C8→, 2C9→, GT→↓] (**naproxen**)

Anaspaz [Ø] (**hyoscyamine**)

anastrozole [1A2↓, 2C9↓, 3A4↓] (Arimidex)

Ancef [EU] (**cefazolin**)

Ancobon [EU] (**flucytosine**)

ancrod [Ø] (Arvin)

Androderm [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**testosterone**)

Androgel [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**testosterone**)

Android [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**methyltestosterone**)

Anectine [PC→] (**succinylcholine**)

Anexsia [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ hydrocodone**)

Angelica [?]

anistreplase [Ø] (**APSAC**, Eminase)

aniline [2E1→↓]

anise [1A2↓]

Ansaid [1A2→, 2C9→, BO↓, GT→] (**flurbiprofen**)

Antabuse [1A2→, 2A6→↓, 2B6→, 2C9→, 2D6→, 2E1→↓, 3A4→↓, AD↓] (**disulfiram**)

Antagon [?] (**ganirelix**)

Anthra-Derm [?] (**anthralin**)

anthralin [?] (Anthra-Derm, Drithocreme)

anthraquinones [1A1↓, 1A2↑, GT↑]

Antilirium [?] (**physostigmine**)

Antiminth [?] (**pyrantel**)

antipyrine [1A2→, 2A6→, 2C9→, 2C19→, 2D6→, 2E1→, 3A4→] (Auralgan)

Antivert [?] (**meclizine**)

Antizol [2E1↓, AD→↓] (**fomepizole**)

Anturane [2C?, 3A4↑, GT→] (**sulfinpyrazone**)

Anusol [?] (**pramoxine**)

Anusol HC [2D6↑, 3A4→↓↑] (**hydrocortisone \ pramoxine**)

Anzemet [2D6→↓, 3A4→] (**dolasetron mesylate**)

Aphthasol [H?] (**amlexanox**)

apiaceous vegetables [1A2↓]

apigenin [GNT↑, GT→, ST→]

apomorphine [MAO-A→↓, MAO-B→↓]

apraclonidine [?] (Iopidine)

Apresazide [1A2→, NA→] (**hydralazine \ HCTZ**)

Apresoline [1A2→, NA→] (**hydralazine**)

aprotinin [Ø] (Trasylol)

APSAC [Ø] (**anistreplase**, Eminase)

AquaMephyton [?] (**phytonadione, vitamin K**)

Aquatensen [?] (**methyclothiazide**)

Aquest [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estrone**)

ARA-C [Ø] (**cytarabine**, Cytosar-U, Depocyt)

arachidonic acid [2C8→, 2C9→]

Aralen [2D6⇒↓, 3A4⇒] (**chloroquine**)

Aramine [ST→] (**metaraminol**)

Arava [H?, 2C9↓, GT→] (**leflunomide**)

arbutamine [?] (Genesa)

ardeparin [Ø] (Normiflo)

Aredia [Ø] (**pamidronate**)

argatroban [3A4→] (Novastan)

Aricept [2D6→, 3A4→, GT→] (**donepezil**)

Arimidex [1A2↓, 2C9↓, 3A4↓] (**anastrozole**)

Aristocort [3A4⇒↓↑] (**triamcinolone**)

Armour Thyroid [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**desiccated thyroid**)

Aromasin [?] (**exemestane**)

arsenic trioxide [?] (Trixenox)

Artane [?] (**trihexyphenidyl**)

Arthrotec [2B6→, 2C8⇒↓, 2C9⇒↓, 2C18⇒↓, 2C19⇒↓, 3A4⇒↓, BO⇒, GT→, ST→] (**diclofenac \ misoprostol, PGE1**)

Arvin [Ø] (**ancrod**)

ASA [GNT↑, GT⇒↓, QO↑] (**aspirin**, Aggrenox, Ascriptin, Bayer, Darvon Compound, Ecotrin, Empirin, Fiorinal, Halfprin, Invagesic, Norgestic, Orphengesic, Percodan, Robaxisal, Soma Compound, Talwin Compound)

Asacol [NA→] (**mesalamine 5-ASA**)

ascorbic acid [NA↓] (**vitamin C**)

Ascriptin [GNT↑, GT⇒↓, QO↑] (**aspirin**)

Asendin [2D6→] (**amoxapine**)

asparaginase [Ø] (Elspar)

aspirin [GNT↑, GT⇒↓, QO↑] (**ASA**, Aggrenox, Ascriptin, Bayer, Darvon Compound, Ecotrin, Empirin, Fiorinal, Halfprin, Invagesic, Norgestic, Orphengesic, Percodan, Robaxisal, Soma Compound, Talwin Compound)

astaxanthin [1A1↑, 1A2↑, 2B6↑, 3A4↑]

Astelin [1A1→, 1A2→, 2D6→, 3A4→] (**azelastine**)

astemizole [3A4⇒↓] (Hismanal)

AsthmaNefrin [COMT→, MAO→] (**epinephrine**)

Atacand [EU] (**candesartan cilexetil**)

Atacand HCT [EU] (**candesartan cilexetil \ hydrochlorothiazide**)

Atapryl [2B6→, 2D6→, 2E1→, MAO-A↓, MAO-B↓] (**selegiline**)

Atarax [2D6→↓, GT→↓] (**hydroxyzine**)

atenolol [EU] (Tenoretic, Tenormin)

Ativan [GT→↓] (**lorazepam**)

atorvastatin [3A4→,GT→] (Lipitor)

atovaquone [GT→] (Melarone, Mepron)

atracurium [Ø] (Tracrium)

Atridox [3A4→↓] (**doxycycline**)

atropine [Ø] (Donnagel, Donnatal, IsoptoAtropine, Lomotil, Motofin, Urised)

Atrovent [Ø] (**ipratropium**)

attapulgate [Ø] (Diasorb, Donnagel, Kaopectate)

Augmentin [EU] (**amoxicillin \ clavulanic acid**)

Auralgan [1A2→, 2A6⇒, 2C9→, 2C19→, 2D6→, 2E1→, 3A4⇒, NA→] (**antipyrine \ enzocaine**)

auranofin [Ø] (Ridaura)

Aurolate [?] (**gold sodium thiomalate**)

aurothioglucose [Ø] (Solganal)

Avalide [2C9⇒, 3A4→, GT→] (**hydrochlorothiazide \ irbesartan**)

Avandia [2C8→, 2C9→, GT→, ST→] (**rosiglitazone**)

Avapro [2C9⇒, 3A4→, GT→] (**irbesartan**)

Avelox [GT→, ST→] (**moxifloxacin**)

Aventyl [1A2→, 2C19→, 2D6→↓, 3A4→↓] (**nortryptiline**)

Avita [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (**tretinoin**)

Avonex [1A1↓, 1A2↓, 2B6↓, 3A4↓] (**interferon-beta-1a**)

Axid [H?, 3A4↓] (**nizatidine**)

Aygestin [2C9⇒↓, 2C19→↓↑, 3A4→↓↑] (**norethindrone**)

Azactam [Ø] (**aztreonam**)

azatadine [?] (Optimine, Trinalin)

azathioprine [XO→] (Imuran)

azelaic acid [BO→] (Azelex)

azelastine [1A1→, 1A2→, 2D6→, 3A4→] (Astelin, Optivar)

Azelex [BO→] (**azelaic acid**)

Azene[3A4→] (**clorazepate**)

azidothymidine [2A6→, 2C9→, 2E1→, 3A4→, GT→] (**AZT, zidovudine**, Combivir, Retrovir)

azithromycin [3A4↓] (Zithromax)

Azmacort [2D6↑, 3A4→↓↑] (**triamcinolone**)

Azopt [EU] (**brinzolamide**)

Azo-Standard [H?, NA→] (**phenazopyridine**)

azoxymethane [2E1→]

AZT [2A6→, 2C9→, 2E1→, 3A4→, GT→] (azidothymidine, zidovudine, Combivir, Retrovir)

aztreonam [Ø] (Azactam)

Azulfidine [GNT→↓, GT→, NA→] (**sulfasalazine**)

Bacim [Ø] (**bacitracin**)

Bacillus of Calmette & Guerin [?] (BCG, TheraCys)

bacitracin [Ø] (Bacim, Neosporin, Polysporin)

baclofen [?] (Lioresal)

Bactocill [EU] (**oxacillin**)

Bactrim [2B6→, 2C9→↓, 3A4→, NA→] (**cotrimoxazole, trimethoprim \ sulfamethoxazole**)

Bactroban [?] (**mupirocin**)

BAL [?] (**dimercaprol**)

bambuterol [PC↓]

Banan [EU] (**cefpodoxime**)

barium sulfate [Ø]

barnipidine [3A4→]

basalazide [GNT→↓, GT→, NA→] (Colazal)

basiliximab [?] (Simulect)

Baycol [2C8→, 3A4→] (**cerivastatin**)

Bayer [GNT↑, GT→↓, QO↑] (**aspirin**)

BayHep B [Ø] (**hepatitis B immune globulin**)

BCG [?] (Bacillus of Calmette & Guerin)

BCNU [2B6→] (**carmustine**, BiCNU)

B-D Glucose [Ø] (**dextrose**)

becaplermin [Ø] (Regranex)

beclomethasone [2D6↑, 3A4→↓↑] (Becloment, Beconase, Vancenase, Vanceril, Vanceril DS)

Becloment [2D6↑, 3A4→↓↑] (**beclomethasone**)

Beconase [2D6↑, 3A4→↓↑] (**beclomethasone**)

belladonna [?] (Bellergal-S, B&O Suppettes)

Bellergal-S [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4→↓↑, EH↑, GNT↑, GT⇒↑, ST→] (**belladonna** \ **ergotamine** \ **phenobarbital**)

Benadryl [2D6→↓, AO↓, GT→↓, ST↓] (**diphenhydramine**)

benazepril [H?, GT→] (Lotensin, Lotrel)

bendroflumethiazide [EU] (Corzide)

Benemid [H?, 2C9↓, 2C19↓, GT→↓] (**probenecid**)

bentoquatam [Ø] (Ivy Block)

Bentyl [EU] (**dicyclomine**)

Benylin [2D6→↓, 3A4→] (**dextromethorphan**)

Benzac [Ø] (**benzoyl peroxide**)

Benzamycin [1A2↓, 2D6↓, 3A4→↓] (**benzoyl peroxide** \ **erythromycin**)

benzathine penicillin [Ø] (Bicillin)

benzene [2E1→↓, GNT→, QO→]

benzocaine [NA→] (Auralgan)

benzonatate [?] (Tessalon Perles)

benzopyrene [1B1→]

benzoyl peroxide [Ø] (Benzac, Benzamycin, Clearasil, Desquam)

benztropine [?] (Cogentin)

benzylamine [1A1→, 1A2→, 2C19→, 2D6→, 3A4→, FMO1→, FMO3→, FMO4→, FMO5→]

benzylpenicilloyl polylysine [Ø] (Pre-Pen)

bepiridil [3A4→] (Vascor)

beractant [Ø] (Survanta)

Betagan [GT→, ST→] (**levobunolol**)

betaine [Ø] (Cystadane)

betamethasone [2D6↑, 3A4→↓↑] (Celestone, Diprolene, Diprosone, Lotrisone, Luxiq, Valisone)

Betapace [EU] (**sotalol**)

Betaseron [1A1↓, 1A2↓, 2B6↓, 3A4↓] (**interferon-beta-1b**)

betaxolol [H?] (Betoptic, Betoptic -Pilo, Kerlone)

Betaxon [?] (**levobetaxolol**)

bethanechol [?] (Urecholine)

Betoptic [H?] (**betaxalol**)

Betoptic Pilo [2A6→↓, 3A4⇒↓] (**betaxalol \ pilocarpine**)

bexarotene [?] (Targretin)

Biaxin [3A4→↓](**clarithromycin**)

bicalutamide [3A4→, GT→] (Casodex)

bicarbonate [Ø] (Nulytely)

Bicillin [Ø] (**benzathine penicillin**)

Bicillin CR [MB] (**benzathine penicillin \ procaine**)

BiCNU [2B6→] (**BCNU, carmustine**)

bilberry [Ø]

bilirubin [GT→]

Biltricide [2B6→↓, 3A4→↓] (**praziquantel**)

biperiden [2D6→↓] (Akineton)

bisacodyl [Ø] (Correctol, Dulcolax, Feen-a-Mint)

bismuth citrate [?] (Tritec)

bismuth subsalicylate [?] (Helidac, PeptoBismol)

bisoprolol [2D6→, 3A4⇒] (Zebeta, Ziac)

bisphenol A [2B6→, GT→]

bissey nut [?]

bitolterol [GT→] (Tornalate)

bixin [1A1↑, 1A2↑, 2B6↑, 3A4↑]

black tea [COMT→, GNT↑, QO↑]

Blenoxane [EU] (**bleomycin**)

bleomycin [EU] (Blenoxane)

Bleph-10 [GT→, NA→] (**sulfacetamide**)

Blocadren [2D6→] (**timolol**)

Bonine [?] (**meclizine**)

B&O Suppettes [?] (**belladonna \ opium**)

Bradycor [?] (**bradykinin antagonist**)

bradykinin antagonist [?] (Bradycor)

brake fluid [AD→] (*triethylene glycol*)

Breonesin [?] (**guaifenesin**)

Brethaire [ST→] (**terbutaline**)

Brethine [ST→] (**terbutaline**)

bretylum [?] (Bretylol)

Bretylol [?] (**bretylum**)

Brevibloc [MB→] (**esmolol**)

Brevicon [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Brevital [?] (**methohexital**)

Bricanyl [ST→] (**terbutaline**)

brimonidine [AO→] (Alphagan)

brinzolamide [EU] (Azopt)

broccoli [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

bromelain [Ø]

bromfenac [GT→] (Duract)

brominide tartrate [AO→] (Alphagan)

bromocriptine [3A4→↓] (Parlodel)

bromperidol [3A4→]

brompheniramine [H?] (Dimetane, Dimetapp, Dimetapp Allergy, Dimetapp Extentabs)

Bronkometer [ST→] (**isoetharine**)

Bronkosol [ST→] (**isoetharine**)

brotizolam [3A4→]

brussel sprouts [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

budesonide [3A4→↓] (Pulmicort, Rhinocort)

bufuralol [1A2→, 2C8⇒, 2C9⇒, 2C19⇒, 2D6→]

bumetanide [GT→] (Bumex)

Bumex [GT→] (**bumetanide**)

bupivacaine [2C19→, 2D6→, 3A4→, GT→] (Marcaine)

Buprenex [3A4→] (**buprenorphine**)

buprenorphine [3A4→] (Buprenex)

bupropion [1A2↓, 2B6→, 2C8→, 2C9→, 2D6→, 2E1→, 3A4→] (Wellbutrin, Zyban)

BuSpar [3A4→] (**buspirone**)

buspirone [3A4→] (BuSpar)

busulfan [GNT→] (Busulfex, Myleran)

Busulfex [GNT→] (**busulfan**)

butabarbital [2B6→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (Butisol, Esgic, Fioricet, Fiorinal)

1,3-butadiene [2E1→]

butane [?]

butanone [?]

butenafine [?] (Mentax)

Butisol [2B6→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (**butabarbital**)

butoconazole [?] (Femstat)

butorphanol [H?] (Stadol)

cabbage [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

cabergoline [?] (Dostinex)

Cafcit [1A2→, 1B1→, 2E1→, 3A4⇒, GT→, NA→, XO→] (**caffeine**)

Cafergot [1A2→, 1B1→, 2E1→, 3A4→↓, GT→, NA→, XO→] (**caffeine \ ergotamine**)

Cafergot PB [1A2→, 1B1→, 2B6→↑, 2D6↑, 2E1→, 3A4→↓↑, GT⇒↑, NA→, XO→] (**caffeine \ ergotamine \ pentobarbital**)

caffeine [1A2→, 1B1→, 2E1→, 3A4⇒, GT→, NA→, XO→] (Cafcit, Cafergot, CafergotPB, Darvon Compound, Ercaf, Esgic, Fioricet, Fiorinal, Invagesic, Migergot, NoDoz, Norgesic, Orphengesic, Vivarin, Wigaine)

calamine [Ø]

Calan [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓] (**verapamil**)

Calcijex [3A4→] (**calcitriol, vitamin D**)

Calcimar [AP↑] (**calcitonin**)

calcipotriene [3A4→] (Dovonex)

calcitonin [AP↑] (Calcimar, Miacalcin)

calcitriol [3A4→] (**vitamin D**, Calcijex, Rocaltrol)

calcium acetate [Ø] (PhosLo)

calcium carbonate [Ø](Os-Cal, Roloids, Titalac, Tums)

calcium chloride [Ø]

calcium gluconate [Ø]

calfactant [Ø] (Infasurf)

Camptosar [1A1→, 3A4⇒, 3A5→, GT→] (**irinotecan**)

candesartan cilexetil [EU] (Atacand, Atacand HCT)

canthaxanthin [1A1↑, 1A2↑, 2B6↑, 3A4↑]

Capastat [Ø] (**capreomycin**)

capecitabine [Ø] (Xeloda)

Capital w/Codeine [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen** \ **codeine**)

Capoten [Ø] (**captopril**)

Capozide [EU] (**captopril** \ **HCTZ**)

capreomycin [Ø] (Capastat)

capsaicin [2E1→, QO↓] (*cayenne*, Zostrix)

captopril [Ø] (Capoten, Capozide)

Carafate [Ø] (**sucralfate**)

caraway [1A2↓]

carbamazepine [1A2→↑, 2C8→, 2C19↑, 2D6↑, 3A4→↑, EH⇒↑, GT→↑] (Carbatrol, Tegretol)

carbamide peroxide [Ø] (Debrox, Murine Ear)

Carbatrol [1A2→↑, 2C8→, 2C19↑, 2D6↑, 3A4→↑, EH⇒↑, GT→↑] (**carbamazepine**)

carbendazim [1A1↑]

carbenicillin [Ø] (Geocillin)

Carbex [2B6→, 2D6→, 2E1→, MAO-A↓, MAO-B↓] (**selegiline**)

carbidopa [Ø] (Sinemet, Sinemet CR)

Carbocaine [H?] (**mepivacaine**)

carbon monoxide [2D6↓]

carbon tetrachloride [2E1→, 3A4→]

carboplatin [EU] (Paraplatin)

carboprost [?] (**15-methyl-prostaglandin F2α**, Hemabate)

Cardene [2B6↑, 3A4→↓] (**nicardipine**)

Cardioquin [?] (**quinidine polygalacturonate**)

Cardizem [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Cardura [H?] (**doxazosin**)

carisoprodol [H?] (Rela, Soma, SomaCompound)

carmustine [2B6→] (BiCNU, Gliadel)

Carnitor [Ø] (**levocarnitine**)

carteolol [2D6→] (Cartrol, Ocupress)

Cartia [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Cartrol [2D6→] (**carteolol**)

carvedilol [1A2→, 2C9→, 2D6→, 2E1→, 3A4→] (Coreg)

casanthranol [?] (Peri-Colace)

cascara [GT→]

Casodex [3A4→, GT→] (**bicalutamide**)

castor oil [Ø] (Purge)

Cataflam [2B6→, 2C8→↓, 2C9→↓, 2C18⇒↓, 2C19⇒↓, 3A4→↓, GT→, ST→] (**diclofenac**)

Catapres [H?] (**clonidine**)

cat's claw [3A4↓]

cauliflower [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

Caverject Ø] (**alprostadil**)

cayenne [2E1→, QO↓] (**capsaicin**, Zostrix)

CCNU [2D6↓, 3A4↓] (**lomustine**, CeeNu)

Ceclor [EU] (**cefaclor**)

Cedax [EU] (**ceftibuten**)

CeeNu [2D6↓, 3A4↓] (**CCNU**, **lomustine**)

cefaclor [EU] (Ceclor)

cefadroxil [EU] (Duracef, Ultracef)

Cefadyl [EU] (**cephapirin**)

cefamandol [EU, AD↓] (Mandol)

cefazolin [EU] (Ancef, Kefzol)

cefdinir [EU] (Omnicef)

cefepime [EU] (Maxipime)

cefixime [EU] (Suprax)

Cefizox [EU] (**ceftizoxime**)

cefmetazole [EU] (Zefazone)

Cefobid [EU, AD↓] (**cefoperazone**)

cefonicid [EU] (Monocid)

cefoperazone [EU, AD↓] (Cefobid)

Cefotan [EU] (**cefotetan**)

cefotaxime [MB] (Claforan)

cefotetan [EU] (Cefotan)

cefoxitin [EU] (Mefoxin)

cefpodoxime [EU] (Banan, Vantin)

cefprozil [EU] (Cefzil)

ceftazidime [EU] (Ceptaz, Fortaz, Tazicef, Tazidime)

ceftibuten [EU] (Cedax)

Ceftin [EU] (**cefuroxime**)

ceftizoxime [EU] (Cefizox)

ceftriaxone [EU] (Rocephin)

cefuroxime [EU] (Ceftin, Zinacef)

Cefzil [EU] (**cefprozil**)

Celebrex [2C9→, 3A4→, GT→] (**celecoxib**)

celecoxib [2C9→, 3A4→, GT→] (Celebrex)

celery [1A2↓]

Celestone [2D6↑, 3A4→↓↑] (**betamethasone**)

Celexa [1A2↓, 2C9↓, 2C19⇒↓, 2D6⇒↓, 2E1↓, 3A4⇒↓] (**citalopram**)

CellCept [GT→] (**mycophenolate mofetil**)

Celontin [2C19⇒↓, GT↑] (**methsuximide**)

Cena-K [∅] (**potassium**)

Cenestin [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estrogen**)

Centrax [?] (**prazepam**)

cephalexin [EU] (Keflex, Keftab)

cephalothin [EU] (Keflin)

cephapirin [EU] (Cefadyl)

cephradine [EU] (Velosef)

Cephulac [Ø] (**lactulose**)

Ceptaz [EU] (**ceftazidime**)

Cerebyx [1A2↑, 2C8→, 2C9→↓, 2C19⇒, 3A4↑, EH↑, GT↑] (**fosphenytoin**)

Ceredase [Ø] (**alglucerase**)

Cerezyme [Ø] (**imiglucerase**)

cerivastatin [2C8→, 3A4→] (Baycol)

Cerubidine [3A4→↓, GT→] (**daunorubicin**)

Cerumenex [?] (**triethanolamine**)

Cervidil [Ø] (**dinoprostone, PGE₂**)

Cetacort [2D6↑, 3A4→↓↑] (**hydrocortisone**)

cetirizine [H?] (Zyrtec)

cetrotelix [?] (Cetrotide)

Cetrotide [?] (**cetrotelix**)

cevimeline [?] (Evoxac)

chamomile [3A4↓]

charcoaled food [1A2→↑]

Chemet [?] (**succimer**)

chervil [1A2↓]

Chibroxin [1A2→↓, 3A4→↓] (**norfloxacin**)

Chirocaine [GT→] (**levobupivacaine**)

Chlo-Amine [2D6→↓, 3A4→, FMO?→, ST→↓] (**chlorpheniramine**)

chloral hydrate [2E1→] (Noctec)

chlorambucil [BO→, GNT↑, GT→↓] (Leukeran)

chloramphenicol [GT→↓] (Chloromycitin)

Chloraprep [Ø] (**chlorhexidine gluconate**)

chlordiazepoxide [3A4→] (Librax, Librium, Limbitrol)

chlorhexidine gluconate [Ø] (Chloraprep, Dyna-Hex, PerioChip)

chlorinated hydrocarbons [1A1→↑, 1A2→↑, 1B1↑, AD↑, GNT↑, GT↑, QO↑]

chlormethiazole [1A2↓, 2A6↓, 2E1↓]

chloroform [2E1→↓]

Chloromycitin [GT→↓] (**chloramphenicol**)

chloroprocaine [MB] (Nesacaine)

chloroquine [2D6→↓, 3A4⇒] (Aralen)

chlorothiazide [EU] (Aldoclor, Diuril)

chlorotrianisene [?] (Tace)

chlorpheniramine [2D6→↓, 3A4→, FMO?→, ST→↓] (Aller-Chlor, Chlo-Amine, Chlor-Trimeton, Contac, Deconamine, Deconamine SR, Histussin HC, Naldecon, Ornade, Rynatan, Triaminic, TriaminicDM)

chlorpromazine [1A1↓↑, 1A2→↓↑, 2B6↓↑, 2D6→↓, 3A4↑, AO↓, FMO3↓, GT→↓, QO↓] (DPT combination, Thorazine)

chlorpropamide [AD↓] (Diabinese)

chlorprothixene [?] (Taractan)

chlorpyrifos [2D6⇒, 3A4→]

chlorthalidone [EU] (Combipres, Hygroton, Tenoretic, Thalitone)

Chlor-Trimeton [2D6→↓, 3A4→, FMO?→, ST→↓] (**chlorpheniramine**)

chlorzoxazone [1A1→, 1A2→, 2E1→↓, GT→] (Paraflex, Parafon Forte)

cholecalciferol [1A1→↓, 2C8→↓, 2C19→↓]

Choledyl [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**oxtriphylline**)

cholesterol esters [2E1→]

cholestyramine [∅] (Lo Cholest, Prevalite, Questran)

Chromitrope [GNT→] (**sodium chromate**)

Chronulac [∅] (**lactulose**)

chrysin [GT⇒↑, ST→↓]

ciclopirox [GT→] (Loprox, Penlac)

cidofovir [EU] (Vistide)

Ciel [∅] (**potassium**)

cigarette smoke [1A1→↑, 1A2→↑, 2E1↑, 3A4↑, GNT→]

cilantro [1A2↓]

cilastatin [EU] (Primaxin)

cilostazol [1A2→, 2C19→, 2D6→, 3A4→, GT→] (Pletal)

Ciloxan [1A2→↓, 3A4→↓] (**ciprofloxacin**)

cimetidine [1A2↓, 2C19↓, 2D6↓, 3A4↓, AO↓, FMO3→, NA↓] (Tagamet)

Cipro [1A2→↓, 3A4→↓] (**ciprofloxacin**)

Cipro HC Otic [1A2→↓, 2D6↑, 3A4→↓↑] (**ciprofloxacin \ hydrocortisone**)

ciprofloxacin [1A2→↓, 3A4→↓] (Ciloxan, Cipro, Cipro HC Otic)

cisapride [1A2→, 2B6→, 2C8→, 2C19→, 2D6↓, 3A4→] (Propulsid)

cisatracurium [Ø] (Nimbex)

cisplatin [GNT→] (Platinol)

citalopram [1A2↓, 2C9↓, 2C19→↓, 2D6⇒↓, 2E1↓, 3A4→↓] (Celexa)

citric acid [?] (Polycitra-K, Urocit-K)

Citrucel [Ø] (**methylcellulose**)

cladribine [?] (Leustatin)

Claforan [MB] (**cefotaxime**)

clarithromycin [3A4→↓] (Biaxin, Prevpac)

Claritin [2B6↑, 2D6→, 3A4→↑] (**loratidine**)

Claritin-D [2B6↑, 2D6→, 3A4→↑, MAO↓] (**loratidine \pseudoephedrine**)

clavulanic acid [EU] (Augmentin, Timentin)

Clearasil [Ø] (**benzoyl peroxide**)

clemastine [2D6→↓] (Dayhist, Tavist, Tavist-D)

Cleocin [?] (**clindamycin**)

Climara [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

clindamycin [?](Cleocin, Clindets)

Clindets [?] (**clindamycin**)

clindidium [?](Librax)

Clinoril [FMO?→, GT→, GNT↑, QO↑] (**sulindac**)

clobazam [?]

clobetasol [2D6↑, 3A4→↓↑] (Cormax, Embeline, Temovate)

clocortolone pivalate [2D6↑, 3A4→↓↑] (Cloderm)

Cloderm [2D6↑, 3A4→↓↑] (**clocortolone pivalate**)

Clomid [ST↓] (**clomiphene**)

clomiphene [ST↓] (Clomid, Milophene, Serophene)

clomipramine[1A2→, 2C19⇒, 2D6→↓, 3A4→↓, GT→] (Anafranil)

clonazepam [3A4→↓] (Klonopin)

clonidine [H?] (Catapres, Combipres, Duraclon)

clopidogrel [1A2→, 2C?↓] (Plavix)

clorazepate [3A4→] (Azene, Tranxene)

clorgyline [MAO-A↓]

clotrimazole [2A6↓, 3A4→↓↑] (Femcare, Gyne-Lotrimin, Gynix, Lotrimin, Lotrisone, Mycelex)

clotting factor VIII [Ø] (Kogenate)

cloxacillin [EU] (Cloxapen)

Cloxapen [EU] (**cloxacillin**)

clozapine [1A2⇒, 2C8⇒, 2C9→↓, 2C19→↓, 2D6⇒↓, 2E1→, 3A4⇒↓, GT→, QO↓] (Clozaril)

Clozaril [1A2⇒, 2C8⇒, 2C9→↓, 2C19→↓, 2D6⇒↓, 2E1→, 3A4⇒↓, GT→, QO↓] (**clozapine**)

coal tar [Ø] (Polytar, Tegrin)

cocaine [1A2↓, 2A6↓, 2C?↓, 2D6↓, 3A4→↓, GNT↑]

codeine [1A2→, 2D6→, 3A4→, GT→] (Capital w/Codeine, Empirin w/Codeine, Fioricet w/Codeine, Fiorinal w/Codeine, Phenergan VC w/codeine, Soma Compound w/Codeine, Triacin-C, Tylenol w/ Codeine)

Cogentin [?] (**benztropine**)

Cognex [1A2→↓, GT→] (**tacrine**)

Colace [Ø] (**docusate**)

Colazal [GNT→↓, GT→, NA→] (**balsalazide**)

colchicine [2E1↓, 3A4→]

colesevelam [?] (WelChol)

Colestid [Ø] (**colestipol**)

colestipol [Ø] (Colestid)

coleus [3A4↑] (**forskolin**)

colfosceril [Ø] (Exosurf Neonatal)

colistin [EU] (Coly-Mycin S, Cortisporin TC)

collagen-alginate [Ø] (Fibracol)

Coly-Mycin S [2D6↑, 3A4→↓↑] (**colistin \ hydrocortisone \ neomycin \ thonzonium**)

CoLyte [Ø] (**polyethylene glycol**)

CombiPatch [1A1→↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol \ norethindrone**)

Combipres [H?] (**chlorthalidone \ clonidine**)

Combivent [?] (*albuterol \ ipratropium*)

Combivir [2A6→, 2C9→, 2E1→, 3A4→, GT→] (*lamivudine \ zidovudine*)

Compazine [?] (*prochlorperazine*)

Comprecin [1A2→↓] (*enoxacin*)

Comtan [COMT↓, GT→, MT→, ST→] (*entacapone*)

Comvax [Ø] (*hemophilus b vaccine \ hepatitis B vaccine*)

Concerta [2D6→↓] (*methylphenidate*)

Condylox [3A4→] (*podofilox*)

congestive heart failure [H?↓]

Conray [Ø] (*iothalamate*)

Contac [1A2→, 2D6→↓, 3A4→, FMO?→, MAO→↓, ST→↓] (*chlorpheniramine \ phenylpropanolamine*)

Copaxone [?] (*glatiramer, copolymer-1*)

copolymer-1 [?] (*glatiramer, Copaxone*)

Cardarone [1A1→↓, 1A2→↓, 2A6↓, 2B6↓, 2C8→, 2C9↓, 2C19→↓, 2D6→↓, 3A4→↓](*amiodarone*)

Cordran [2D6↑, 3A4→↓↑] (*flurandrenolide*)

Coreg [1A2→, 2C9→, 2D6→, 2E1→, 3A4→] (*carvedilol*)

Corgard [EU] (*nadolol*)

coriander [1A2↓]

Corlopan [GT→, MT→, ST→] (*fenoldopam*)

Cormax [2D6↑, 3A4→↓↑] (*clobetasol*)

Correctol [Ø] (*bisacodyl*)

Cortaid [2D6↑, 3A4→↓↑] (*hydrocortisone*)

Cortef [2D6↑, 3A4→↓↑] (*hydrocortisone*)

Corticaine [2D6↑, 3A4→↓↑] (*hydrocortisone*)

cortisol [2D6↑, 3A4→↓↑]

cortisone [2D6↑, 3A4→↓↑] (Cortone)

Cortisporin [2D6↑, 3A4→↓↑] (*hydrocortisone \ neomycin \ polymyxin*)

Cortisporin-otic [2D6↑, 3A4→↓↑](*hydrocortisone \ neomycin \ polymyxin*)

Cortisporin TC [Ø] (*colistin \ thonzium*)

Cortizone [2D6↑, 3A4→↓↑] (*hydrocortisone*)

Cortone [2D6↑, 3A4→↓↑] (*cortisone*)

Cortrosyn [?] (*cosyntropin*)

Corvert [H?, BO→] (*ibutilide*)

Corzide [?] (*bendroflumethiazide \ nadolol*)

cosalane [?]

Cosmegen [EU] (*dactinomycin*)

Cosopt [2D6→] (*dorzolamide \ timolol*)

cosyntropin [?] (Cortrosyn)

Cotazym [Ø] (*pancrelipase*)

Cotrim [2B6→, 2C9→↓, 3A4→, NA→] (*cotrimoxazole, trimethoprim \ sulfamethoxazole*)

cotrimoxazole [2B6→, 2C9→, 3A4→, NA→] (Bactrim, Cotrim, Septra, Sulfatrim)

Coumadin [1A1→, 1A2→, 2A6→, 2C8→, 2C9→↓, 2C19→, 3A4→] (*warfarin*)

coumarin [1B1→, 2A6→, GNT↑, QO↑]

Covera-HS [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓] (*verapamil*)

Cozaar [1A1↑, 2C9→, 3A4→] (*losartan*)

Creon [Ø] (*pancreatin*)

Crinone [2C9→↓, 2C19→↓, 3A4→↓↑] (*progesterone*)

Crixivan [1A1↑, 2C9→↓, 2C19↓, 2D6→↓, 3A4→↓, 3A5→↓] (*indinavir*)

Crolom [Ø] (*cromolyn sodium*)

cromolyn sodium [Ø] (Crolom, Cromoptic, Gastrochrom, Intal)

Cromoptic [Ø] (*cromolyn sodium*)

crotamiton [?] (Eurax)

cruciferous vegetables [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

Cuprimine [?] (*penicillamine*)

Curosurf [?] (*poractant*)

Curretab [2C9→↓, 2C19→↓, 3A4→↓↑] (*medroxyprogesterone*)

Cutivate [2D6↑, 3A4→↓↑] (*fluticasone*)

cyanocobalamin [2C19→] (*vitamin B12*, Nascobal)

cyclobenzaprine [1A2→, 2D6→, 3A4→, GT→] (Flexeril)

Cyclocort [2D6↑, 3A4→↓↑] (*amcinonide*)

Cyclogyl [?] (*cyclopentolate*)

cyclopentolate [?] (AK-Pentolate, Cyclogyl, Pentolair)

cyclophosphamide [2B6→↑, 2C8⇒, 2C9→, 2C18⇒, 2C19→, 3A4→↓, GNT→↓, PC↓] (Cytoxan, Neosar)

cyclosporine [2C8↓, 3A4→↓] (Neoral, Sandimmune, SangCYA)

Cycrin [2C9⇒↓, 2C19, 3A4→↓▼↑] (**medroxyprogesterone**)

Cylert [H?] (**pemoline**)

cypheptadine [GT↓] (Periactin)

Cyronine [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**liothyronine, T3**)

Cystadane [Ø] (**betaine**)

Cystagon [?] (**cysteamine**)

cysteamine [?] (Cystagon)

Cystografin [?] (**diatrizoate**)

Cystospaz [Ø] (**hyoscyamine**)

cytarabine [Ø] (**ARA-C**, Cytosar-U, DepoCyt)

Cytomel [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**liothyronine, T3**)

Cytosar-U [Ø] (**ARA-C, cytarabine**, DepoCyt)

Cytotec [BO→] (**PGE1, misoprostol**)

Cytovene [EU] (**DHPG, ganciclovir**)

Cytoxan [2B6→↑, 2C8⇒, 2C9→, 2C18⇒, 2C19→, 3A4→↓, GNT→↓, PC↓] (**cyclophosphamide**)

d4T [EU] (**stavudine, Zerit**)

dacarbazine [?] (DTIC)

daclizumab [Ø] (Zenapax)

dactinomycin [EU] (Cosmegen)

daidzein [GT→]

dalfopristin [3A4↓] (Synercid)

Dalgan [GT→, ST→] (**dezocine**)

Dalmane [2C8→, 2C9→, 2D6→↓] (**flurazepam**)

dalteparin [Ø] (Fragmin)

danaparoid [?] (Orgaran)

danazol [3A4→↓, ST↓] (Danocrine)

dandelion [?]

Danocrine [3A4→↓, ST↓] (**danazol**)

Dantrium [H?] (**dantrolene**)

dantrolene [H?] (Dantrium)

dapsone [2C8⇒, 2C9→, 2C18→, 2C19→, 3A4→, NA→]

Daraprim [?] (**pyrimethamine**)

Darvocet [1A1→, 1A2→, 2A6→, 2C9→↓, 2D6→↓, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→](**acetaminophen \ propoxyphene**)

Darvon [2C9→↓, 2D6→↓] (**propoxyphene**)

Darvon Compound [1A2→, 1B1→, 2C9→↓, 2D6→↓, 2E1→, 3A4⇒, GNT↑, GT→↓, NA→, QO↑, XO→] (**aspirin \ caffeine \ propoxyphene**)

daunorubicin [3A4→↓, GT→] (Cerubidine, DaunoXome)

DaunoXome [3A4→↓, GT→] (**daunorubicin**)

Dayhist [2D6→↓] (**clemastine**)

Daypro [H?, GT→] (**oxaprozin**)

DDAVP [Ø] (**desmopressin**)

ddC [EU] (**zalcitabine**, Hivid)

ddl [EU] (**didanosine**, Videx)

DDT [2B6↑, 3A4↑] (**dichlorodiphenyltrichloroethane**)

Debrox [Ø] (**carbamide peroxide**)

Decadron [2D6↑, 3A4→↓↑] (**dexamethasone**)

Deca-Durabolin [?] (**nandrolone decanoate**)

Declomycin [3A4→↓] (**demeclocycline**)

Deconamine [2D6→↓, 3A4→, FMO?→, ST→↓, MAO↓] (**chlorpheniramine \ pseudoephedrine**)

Deconamine SR [2D6→↓, 3A4→, FMO?→, ST→↓, MAO↓] (**chlorpheniramine \ pseudoephedrine**)

Deconsal II [MAO↓] (**guaifenesin \ pseudoephedrine**)

deferoxamine [MB] (Desferal)

dehydroepiandrosterone [1A1↓] (**DHEA**)

delavirdine [2C9↓, 3A4→↓] (Rescriptor)

Delestrogen [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

Delsym [2D6→↓, 3A4→] (**dextromethorphan**)

Deltasone [2C19↑, 2D6↑, 3A4→↓↑] (**prednisone**)

Demadex [2C9→↓] (**torseamide**)

demeclocycline [3A4→↓] (Declomycin)

Demerol [3A4→] (DPT combination, **meperidine**)

Demulen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol, ethynodiol**)

Denavir [EU] (**pencyclovir**)

denileukin diftitox [Ø] (Ontak)

Depacon [2A6→↓, 2C9→↓, BO→, EH↓, GT→↓] (**valproic acid**)

Depade [H?, GT→] (**naltrexone**)

Depakene [2A6→↓, 2C9→↓, BO→, EH↓, GT→↓] (**valproic acid**)

Depakote [2A6→↓, 2C9→↓, BO→, EH↓, GT→↓] (**divalproex**)

Depakote ER [2A6→↓, 2C9→↓, BO→, EH↓, GT→↓] (**divalproex**)

Depen [?] (**penicillamine**)

DepoCyt [Ø] (**ARA-C, cytarabine, Cytosar-U**)

Depo-Medrol [3A4⇒↓↑] (**methylprednisolone**)

Deponit [?] (**nitroglyceride**)

Depo-Provera [2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑] (**medroxyprogesterone**)

Depotest [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (**testosterone**)

Deprenyl [2B6→, 2D6→, 2E1→, MAO-A↓, MAO-B↓] (**selegiline**)

deramciclane fumarate [H?]

DermaSmoothe [2D6↑, 3A4⇒↓↑] (**fluocinolone**)

Dermatop [?] (**prednicarbate**)

Dermolate [2D6↑, 3A4⇒↑] (**hydrocortisone**)

DES [1A1⇒, 1A2→, 2B6→, 3A4→, GT→, ST→] (**diethylstilbestrol, Stilphostrol**)

Desferal [MB] (**deferoxamine**)

desflurane [2E1⇒↓]

desicated thyroid [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (Armour Thyroid, Thyrar, Thyroid Strong, Thyroid USP)

desipramine [1A2→, 2C18→, 2C19→, 2D6⇒↓] (Norpramin, Pertofane)

desmopressin [Ø] (DDAVP, Stimate)

Desogen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**desogestrel \ ethinyl estradiol**)

desogestrel [3A4⇒↓, GT→] (Desogen, Mircette)

desonide [2D6↑, 3A4⇒↓↑] (DesOwen)

DesOwen [2D6↑, 3A4⇒↓↑] (**desonide**)

desoximetasone [2D6↑, 3A4→↓↑] (Topicort)

Desquam [Ø] (**benzoyl peroxide**)

Desyrel [3A4→, GT→] (**trazodone**)

DET [?] (**diethyltryptamine**)

Detrol [2C9→, 2C19→, 2D6→, 3A4→] (**tolterodine**)

Dexacort Phosphate Turbinaire [2D6↑, 3A4→↓↑] (**dexamethasone**)

dexamethasone [2D6↑, 3A4→↓↑] (AK-Dex, Decadron, Dexacort Phosphate Turbinaire, Maxidex, Maxitrol, Neo-Decadron, Tobradex)

Dexatrim [1A2→, MAO→↓] (**phenylpropanolamine**)

Dexedrine [2D6→] (**dextroamphetamine**)

dexfenfluramine [1A2⇒, 2D6→↓] (Redux)

Dexferrum [Ø] (**iron dextran**)

dexrazoxane [H?] (Zinecard)

dextran [Ø] (Macrodex, Rheomacrodex)

dextroamphetamine [2D6→] (Adderall, Dexedrine, Dextrostat)

dextromethorphan [2D6→↓, 3A4→] (Benylin, Delsym, Humibid, Phenergan / Dextromethorphan, Robitussin CF, Robitussin DM, Rondec DM, Triaminic DM, Vick's)

dextrose [Ø] [B-D Glucose, Glucose)

Dextrostat [2D6→] (**dextroamphetamine**)

dezocine [GT→, ST→] (Dalgan)

DHE 45 [3A4→↓] (**dihydroergotamine**)

DHEA [1A1↓] (**dehydroepiandrosterone**)

DHPG [EU] (Cytovene)

DHT [MK→] (**dihydrotachysterol**)

Diabeta [2C?→, 3A4↓] (**glyburide**)

diabetes mellitus [1A2↑, 2E1↑, FMO?↑]

Diabinese [AD↓] (**chlorpropamide**)

diallyl disulfide [2B6↑, 2E1↓, GNT↑]

diallyl sulfide [2B6↑, 2E1↓, GNT↑]

Diamox [EU, 3A4↓] (**acetazolamide**)

Diapid [Ø] (**lypressin**)

Diasorb [Ø] (**attapulgate**)

Diastat [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19→↓, 3A4→↓, 3A5→] (**diazepam**)

diatrizoate [?] (Cystografin, Gastrogratin, Hypaque, Renografin)

diazepam [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19→↓, 3A4→↓, 3A5→] (Diastat, Dizac, Valium)

diazinon [2D6⇒, 3A4→]

diazoxide [?] (Hyperstat, Proglycem)

dibenzopyrene [1A1→, 1B1→]

Dibenzylamine [?] (**phenoxybenzamine**)

dibucaine [Ø] (Nupercainal)

dichloralphenazone [?] (Duradrin, Midchlor, Midrin)

dichlorodiphenyltrichloroethane [2B6↑, 3A4↑] (**DDT**)

diclofenac [2B6→, 2C8→↓, 2C9→↓, 2C18⇒↓, 2C19⇒↓, 3A4→↓, GT→, ST→] (Arthrotec, Cataflam, Voltaren)

dicloxacillin [EU] (Dynapen)

dicumarol [QO↓]

dicyclomine [EU] (Bentyl)

didanosine [EU] (**ddI**, Videx)

Didronel [Ø] (**etidronate**)

diethyldithiocarbamate [2A6↓, 2C9↓, 2C19↓, 2E1↓, 3A4↓]

diethyl maleate [GNT↑, QO↑]

diethylpropion [H?] (Tenuate)

diethylstilbestrol [1A1⇒, 1A2→, 2B6→, 3A4→, GT→, ST→] (DES, Stilphostrol)

diethyltryptamine [?] (DET)

difenoxin [H?, GT→] (Motofin)

Differin [Ø] (**adapalene**)

diflorasone diacetate [2D6↑, 3A4→↓↑] (Florone, Maxiflor, Psorcon)

Diflucan [1A2↓, 2C9→↓, 2C19↓, 3A4→↓] (**fluconazole**)

diflunisal [GT→, ST→] (Dolobid)

Digibind [?] (**digoxin-immune Fab**)

digoxin [3A4→↓, GT→] (Lanoxicaps, Lanoxin)

digoxin-immune Fab [?] (Digibind)

dihydrocosalane [?]

dihydroergotamine [3A4→↓] (DHE 45, Migranal)

dihydrotachysterol [MK→] (DHT)

Dilacor XR [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Dilantin [1A2↑, 2C8→, 2C9→↓, 2C19⇒, 3A4→↑, 3A5→, 3A7→, EH→↑, GNT↑, GT↑] (**phenytoin**)

DilatrateSR [3A4→] (**isosorbide dinitrate**)

Dilaudid [GT→] (**hydromorphone**)

dill [1A2↓]

dillapiol [3A4↓]

Diltia XL [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Diltia XT [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

diltiazem [2C8→, 2C9→, 3A4→↓] (Cardizem, Cartia, Dilacor XR, Diltia XL, Diltia XT, Tiamate, Tiazac)

dimenhydrinate [2D6→↓, ST↓] (Dramamine, Marmine)

dimercaprol [?] (BAL)

Dimetane [H?] (**brompheniramine**)

Dimetapp [1A2→, MAO→↓] (**brompheniramine** \ **phenylpropanolamine**)

Dimetapp Allergy [H?] (**brompheniramine**)

Dimetapp Extentabs [1A2→, MAO→↓] (**brompheniramine** \ **phenylpropanolamine**)

dimethylformamide [2E1→]

dimethylsulfoxide [2C8↓, 2C9↓, 2C19↓, 2E1↓↑, 3A4↓↑] (**DMSO**)

dimethyltryptamine [?] (DMT)

dinoprostone [Ø] (**PGE2**, Cervidil, Prepidil, Prostin)

Dioval [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

Diovan [?] (**valsartan**)

Diovan HCT [?] (**hydrochlorothiazide** \ **valsartan**)

dioxane [2A6↓]

dioxin [1A1→↑, 1A2→↑, 1B1↑, AD↑, GNT↑, GT↑, QO↑]

Dipentum [EU] (**olsalazine**)

diphenhydramine [2D6→↓, AO↓, GT→↓, ST↓] (Benadryl)

diphenoxylate [H?, GT→] (Lomotil)

diphenylene iodonium [XO↓]

diphtheria-tetanus-acellular pertussis vaccine [Ø] (Acel-Immune, DTaP, Infanrix, Tripedia)

diphtheria-tetanus-whole cell pertussis vaccine [Ø] (DTwP, Tetramune)

diphtheria-tetanus toxoid [Ø] (**DT, Td**)

dipivefrin [MAO→] (Propine)

Diprivan [1A1↓, 1A2⇒↓, 2A6⇒, 2B6↓, 2C8⇒, 2C9⇒↓, 2C18⇒, 2C19⇒, 2D6↓, 2E1↓, 3A4↓, GT⇒↓] (**propofol**)

Diprolene [2D6↑, 3A4⇒↓↑] (**betamethasone**)

Diprosone [2D6↑, 3A4⇒↓↑] (**betamethasone**)

dipyridamole [GT→] (Aggrenox, Persantine)

dirithromycin [MB] (Dynabac)

Disalcid [GT→] (**salsalate**)

disopyramide [3A4→] (Norpace)

disulfiram [1A2⇒, 2A6⇒↓, 2B6⇒, 2C9→, 2D6→, 2E1⇒↓, 3A4⇒↓, AD↓] (Antabuse)

Ditropan [1A1↓, 1A2↓, 2A6↓, 2C9↓, 2D6↓, 2E1↓, 3A4⇒↓, 3A5⇒↓] (**oxybutynin**)

Diuril [EU] (**chlorothiazide**)

divalproex [2A6→↓, 2C9→↓, BO→, EH↓, GT⇒↓] (Depakote, Depakote ER)

Dizac [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓, 3A5→] (**diazepam**)

DMSO [2C8↓, 2C9↓, 2C19↓, 2E1↓↑, 3A4↓↑] (**dimethylsulfoxide**)

DMT [?] (**dimethyltryptamine**)

dobutamine [Ø] (Dobutrex)

Dobutrex [Ø] (**dobutamine**)

docetaxel [2C?→, 3A4→] (Taxotere)

docosanol [?] (Abreva)

docusate [Ø] (Colace, Peri-Colace, Surfak)

dofetilide [3A4→] (Tikosyn)

dolasetron mesylate [2D6⇒↓, 3A4→] (Anzemet)

Dolobid [GT→, ST→] (**diflunisal**)

Dolophin [1A2→, 2C8→, 2C18→, 2D6→↓, 3A4⇒↓] (**methadone**)

Domeboro [Ø] (**acetic acid**)

donepezil [2D6→, 3A4→, GT→] (Aricept)

Donnagel [?] (**atropine \ attapulgit \ hyoscyamine \ scopolamine**)

Donnatal [1A2↑, 2A6↑, 2B6⇒↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GNT↑, GT⇒↑, ST→] (**atropine \ hyoscyamine \ phenobarbital \ scopolamine**)

Donnazyme [Ø] (**pancreatin**)

dopamine [COMT→, GNT→, MAO→, QO→](Intropin)

Dopar [MAO→] (**levodopa**)

Doral [H?, GT→] (**quazepam**)

dornase alfa [Ø](Pulmozyme)

Doryx [3A4→↓] (**doxycycline**)

dorzolamide [EU] (Cosopt, Trusopt)

Dostinex [?] (**cabergoline**)

Dovonex [3A4→] (**calcipotriene**)

doxazosin [H?] (Cardura)

doxepin [1A2→, 2D6→↓, 3A4→, GT→] (Adapin, Sinequan, Zonalon)

doxercalciferol [Ø] (Hectorol)

Doxia [EU] (**hydroxyurea**)

Doxil [2D6↓, 3A4→↓, AKR→, GNT→] (**doxorubicin**)

doxorubicin [2D6↓, 3A4→↓, AKR→, GNT→] (Adriamycin, Doxil, Rubex)

doxycycline [3A4→↓] (Atridox, Doryx, Periostat, Vibramycin)

DPT combination [1A1↓↑, 1A2→↓↑, 2B6↓↑, 2D6→↓, 3A4→↓↑, AO↓, FMO3↓, GT→↓, QO↓] (Demerol \ Phenergan \ Thorazine)

Dramamine [2D6→↓, ST↓] (**dimenhydrinate**)

Drithocrema [?] (**anthralin**)

Drixoral [MAO↓] (**pseudoephedrine**)

dronabinol [2C9→, 3A4→] (Marinol)

droperidol [1A2→, 2D6→↓↑, 3A4→] (Inapsine)

DT [Ø] (**diphtheria-tetanus toxoid, Td**)

DTIC [?] (**dacarbazine**)

DTaP [Ø] (**diphtheria-tetanus-acellular pertussis vaccine**, Acel-Immune, Infanrix, Trihibit, Tripedia)

DTwP [Ø] (Tetramune)

Dulcolax [Ø] (**bisacodyl**)

Durabolin [?] (**nandrolone phenpropionate**)

Duraclon [H?] (**clonidine**)

Duract [GT→] (**bromfenac**)

Duradrin [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (*acetaminophen \ dichloralphenazone \ isometheptene*)

Duragen [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (*estradiol*)

Duragesic [3A4→↓, GT→↓] (*fentanyl*)

Duralutin [2C9↓, 2C19↓] (*hydroxyprogesterone*)

Duranest [H?] (*etidocaine*)

Duratuss [MAO↓] (*guaifenesin \ pseudoephedrine*)

Duricef [EU] (*cefadroxil*)

D-vert [?] (*meclizine*)

Dyazide [ST→] (*HCTZ \ triamterene*)

Dynabac [MB] (*dirithromycin*)

DynaCirc [3A4→] (*isradipine*)

Dyna-Hex [Ø] (*chlorhexidine gluconate*)

Dynapen [EU] (*dicloxacillin*)

Dyrenium [ST→] (*triamterene*)

echinacea [3A4↓]

echothiophate [?] (Phospholine Iodide)

EC-Naprosyn [1A2→, 2C8→, 2C9→, GT→↓] (*naproxen*)

econazole [Ø] (Spectazole)

Ecotrin [GNT↑, GT→↓, QO↑] (*aspirin*)

ecstasy [2D6→] (*MDMA, methylene-dioxy- methamphetamine*)

Edecrin [GNT→↓] (*ethacrynic acid*)

edetate disodium [?] (*EDTA*, Endrate)

Edex [Ø] (*alprostadil*)

edrophonium [?] (Tensilon)

EDTA [?] (*edetate disodium*, Endrate)

EES [1A2↓, 2D6↓, 3A4→↓] (*erythromycin*)

efavirenz [3A4↓↑, GNT⇒, GT⇒, ST⇒] (Sustiva)

Effexor [1A2↓, 2C19↓, 2D6→↓, 3A4→↓] (*venlafaxine*)

Efidac [MAO↓] (*pseudoephedrine*)

eflornithine [?] (Vaniqa)

Efudex [3A4→↓] (*5-FU, fluorouracil*, Fluoroplex)

Elavil [1A2→, 2C9⇒, 2C19→, 2D6→↓, 3A4⇒↓, GT→↓] (*amitriptyline*)

Eldepryl [2B6→, 2D6→, 2E1→, MAO-A↓, MAO-B↓] (*selegiline*)

Eldopaque [2E1→↓, GNT→, GT→, QO↑] (*hydroquinone*)

Eldoquin [2E1→↓, GNT→, GT→, QO↑] (*hydroquinone*)

eletriptan [2A6↑, 3A4↑] (Relpax)

Elimite [H?, 2B6↑] (*permethrin*)

Elixophyllin [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (*theophylline*)

Ellence [GT→] (*epirubicin*)

ellipticine [1A1↓]

Elmiron [?] (*pentosan polysulfate*)

Elocon [?] (*mometasone*)

Elspar [Ø] (*asparaginase*)

Eltroxin [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (*levothyroxin*)

Emadine [H?] (*emedastine*)

Embeline [2D6↑, 3A4→↓↑] (*clobetasol*)

Emcyt [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (*estramustine*)

emedastine [H?] (Emadine)

Emetrol [Ø] (*phosphorylated carbohydrates*)

Eminase [Ø] (*anistreplase*)

EMLA Cream [1A2⇒↓, 2B6→, 2C?→, 2D6→, 3A4→, MK] (*lidocaine \ prilocaine*)

Empirin [GNT↑, GT→↓, QO↑] (*aspirin*)

Empirin w/Codeine [1A2→, 2D6→, 3A4→, GNT↑, GT→↓, QO↑] (*aspirin \ codeine*)

E-mycin [1A2↓, 2D6↓, 3A4→↓] (*erythromycin*)

enalapril [3A4→, GNT→] (Lexxel, Teczem, Vasoretic, Vasotec)

enalaprilat [EU] (Vasotec IV)

Enbrel [Ø] (*etanercept*)

encainide [2D6→, 3A4→] (Enkaid)

Endep [1A2→, 2C9⇒, 2C19→, 2D6→↓, 3A4⇒↓, GT→↓] (*amitriptyline*)

Endrate [?] (*edetate disodium*)

enflurane [2E1→↓]

Engerix-B [Ø] (**hepatitis B vaccine**)

Enkaid [2D6→, 3A4→] (**encainide**)

enoxacin [1A2→↓] (Comprecin, Penetrex)

enoxaparin [?] (Lovenox)

entacapone [COMT↓, GT→, MT→, ST→] (Comtan)

Entex [1A2→, MAO→↓] (**guaifenesin** \ **phenylpropanolamine**)

Entozyme [Ø] (**pancreatin**)

ephedra [MAO↓]

ephedrine [MAO↓]

epinastine [2B6→, 2D6⇒↓, 3A4⇒]

epinephrine [COMT→, MAO→] (Ana-Kit, Asthma Nefrin, Epipen, MicroNefrin, Nephron, S-2, Sus-Phrine, Vaponefrin)

Epipen [COMT→, MAO→] (**epinephrine**)

epirubicin [GT→] (Ellence)

Epivir [EU] (**lamivudine, 3TC**)

epoetin alfa [Ø] (**erythropoietin**, Epogen, Procrit)

Epogen [Ø] (**epoetin alfa, erythropoietin**)

epoprostenol [MB→] (Flolan)

eprosartan [GT→] (Teveten)

eptifibatide [Ø] (Integrilin)

Ercaf [1A2→, 1B1→, 2E1→, 3A4→↓▼, GT→, NA→, XO→] (**caffeine** \ **ergotamine**)

Ergamisol [AP↓, GT⇒] (**levamisole**)

Ergomar [3A4→↓] (**ergotamine**)

ergotamine [3A4→↓] (Bellergal-S, Cafergot, Cafergot PB, Ercaf, Ergomar, Migergot, Wigaine)

Eryc [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Erycette [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Eryderm [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Erygel [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Eryped [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

erythromycin [1A2↓, 2D6↓, 3A4→↓] (AK-Mycin, Benzamycin, EES, E-mycin, Eryc, Erycette, Ilotycin, Pediazole)

erythropoietin [Ø] (**epoetin alfa**, Epogen, Procrit)

Erythro-Statin [1A2↓, 2D6↓, 3A4→↓] (*erythromycin*)

Esclim [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

Esgic [1A1→, 1A2⇒, 1B1→, 2A6→, 2B6⇒↑, 2D6↑, 2E1⇒, 3A4⇒↓↑, GNT→, GT⇒↓↑, NA→↓, ST⇒, XO⇒] (*acetaminophen* \ *butalbital* \ *caffeine*)

Esidrix [EU] (*HCTZ, hydrochlorothiazide*)

Eskalith [EU] (*lithium*)

esmolol [MB⇒] (Brevibloc)

Esoterica [2E1⇒↓, GNT⇒, GT⇒, QO↑] (*hydroquinone*)

estazolam [3A4⇒, GT⇒] (Prosom)

Estinyl [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol*)

Estrace [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

Estraderm [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

estradiol [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Activella, Alora, Climara, CombiPatch, Delestrogen, Dioval, Duragen, Esclim, Estrace, Estraderm, Estra-L 40, Estring, Estroject-LA, Fempatch, Gynogen LA, Lunelle, Ortho-Prefest, Vagifem, Valergen, Vivelle)

estradiol benzoate [MAO↓]

Estragyn 5 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estrone*)

Estra-L 40 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

estramustine [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Emcyt)

Estratab [1A1⇒↓, 1A2⇒↓↑, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓↑, 3A5⇒↓↑, GT→, ST⇒↓↑] (*estrogen*)

Estratest [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓, 3A5⇒↓, GT⇒, ST⇒↓] (*estrogen* \ *methyltestosterone*)

Estring [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

estrogen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Cenestin, Estratab, Estratest, Menest, Ortho Dienestrol, Premarin, Prempro, Premphase)

Estroject-LA [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estradiol*)

estrone [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Aquest, Estragyn 5, Estrone 5, Kestrone 5, Primestrin, Wehgen)

Estrone 5 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*estrone*)

estropipate [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Ogen, Ortho-Est)

Estrostep [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol* \ *norethindrone*)

Estrovis [1A1⇒, 1A2⇒, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*quinestrol*)

etanercept [∅] (Enbrel)

ethacrynic acid [GNT→↓] (Edecrin)

ethambutol [EU] (Myambutol)

ethanol [1A1↑, 1A2⇒, 2C?↑, 2E1→↑↓, 3A4⇒↑, AD→↓, AO→]

ethinyl estradiol [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Alesse, Brevicon, Demulin, Desogen, Estinyl, Estrostep, Femhrt 1/5, Genora 0.5/35, Genora 1/35, Jenest-28, Levlen, Levlite, Levora, Loestrin, Lo/Ovral, Low-Ogestrel, Mircette, Modicon, NEE, Nelova 0.5/35, Nelova 1/35E, Nordette, Norethin 1/35E, Norinyl 1+35, Ortho-Cept, Ortho-Novum, Ortho Tri-Cyclen, Ortho-Cyclen, Ovcon, Ovral, Preven, Tri-Levlen, Tri-Norinyl, Triphasil, Trivora, Zovia 1/35E, Zovia 1/50E)

ethionamide [?] (Trecator SC)

Ethmozine [H?] (**moricizine**)

ethosuximide [1A2→, 2B?→, 2C?→, 2E1→, 3A4→] (Zarontin)

ethoxyquin [GNT↑, QO↑]

ethylbenzene [2B6→↑, 2E1→↑, 3A4→↑]

ethylene dibromide [2E1→]

ethylene glycol [AD→]

ethyl methyl sulfide [FMO?→↓]

ethylpyrene [1A1→, 1A2→, 1B1→, 2A6→, 2E1→, 3A4→]

ethynodiol [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (Demulen, None, Zovia 1/35E, Zovia 1/50E)

Ethylol [AP→] (**amifostine**)

etidocaine [H?] (Duranest)

etidronate [Ø] (Didronel)

etodolac [H?, GT→] (Lodine)

etomidate [?] (Amidate)

etoposide [1A2→, 2E1→, 3A4⇒↓, GNT→] (**VP-16**, Toposar, VePesid)

Etrafon [1A2→, 2C9⇒, 2C19⇒, 2D6⇒↓, 3A4⇒↓, GT⇒↓] (**amitriptyline** \ **perphenazine**)

etretinate [1A1⇒↓, 2C8⇒↓, 2C19⇒↓, 3A4⇒] (Tegison)

Eulexin [1A2⇒↓, 3A4⇒↓] (**flutamide**)

Eurax [?] (**crotamiton**)

Euthroid [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**T3****T4**, **liothyronine** \ **levothyroxine**, **liotrix**)

Euthyrox [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**levothyroxine**)

Evista [GT→] (**raloxifene**)

Evoxac [?] (**cevimeline**)

Exelon [PC→↓, ST→] (**rivastigmine**)

exemestane [?] (Aromasin)

Ex-Lax [GT→↓] (**phenolphthalein**)

Exosurf Neonatal [Ø] (**colfosceril**)

Exsel [Ø] (**selenium sulfide**)

ezlopitant [2D6→, 3A4→, 3A5→]

famciclovir [AO→] (Famvir)

famotidine [EU, NA↓↑] (Pepcid)

Famvir [AO→] (**famciclovir**)

Fareston [1A2→, 2E1↑, 3A4→↑] (**toremifene**)

Fastin [H?, MAO-A↓] (**phentermine**)

fasting [1A2↑, 2E1↑]

fat emulsion [Ø] (Intralipid, Liposyn)

Feen-a-Mint [Ø] (**bisacodyl**)

felbamate [2C19↓, 2E1→, 3A4→↑, BO↓, GT→] (Felbatol)

Felbatol [2C19↓, 2E1→, 3A4→↑, BO↓, GT→] (**felbamate**)

Feldene [2C9→↓, GNT↑] (**piroxicam**)

felodipine [3A4→] (Lexxel, Plendil)

Femara [2A6→↓, 2C19↓, 3A4→, GT→] (**letrozole**)

Femcare [2A6↓, 3A4→↓↑] (**clotrimazole**)

Femhrt 1/5 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Femizol [2A6↓, 2C9↓, 3A4→↓↑] (**miconazole**)

Fempatch [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

Femstat [?] (**butoconazole**)

fenbendazole [2C?→, 3A4→, FMO?→]

fenfluramine [1A2⇒, 2D6→↓] (Pondimin)

fenofibrate [?] (Tricor)

fenoldopam [GT→, MT→, ST→] (Corlopan)

fenopropfen [GT→] (Nalfon)

fantanyl [3A4→↓, GT→↓] (Actiq, Duragesic, Oralet, Sublimaze)

Feosol [Ø] (**ferrous sulfate**)

Fergon [Ø] (**ferrous gluconate**)

Feridex [Ø] (**ferumoxide**)

ferric ammonium citrate [Ø] (Ferriseltz)

Ferriseltz [Ø] (**ferric ammonium citrate**)

Ferrlecit [Ø] (**ferrous gluconate**)

ferrous gluconate [Ø] (Fergon, Ferrlecit)

ferrous polysaccharide [Ø] (Niferex)

ferrous sulfate [Ø] (Feosol)

Fertinex [?] (**urofollitropin**)

ferumoxide [Ø] (Feridex)

ferumoxsil [Ø] (Gastromark)

feverfew [?]

fexofenadine [Ø] (Allegra, Allegra-D)

Fiberall [Ø] (**polycarbophil \ psyllium**)

FiberCon [Ø] (**polycarbophil**)

Fibracol [Ø] (**collagen-alginate**)

filgrastim [Ø] (**G-CSF**, Neupogen)

finasteride [3A4→, GNT↑] (Propecia, Proscar)

Fioricet [1A1→, 1A2→, 1B1→, 2A6→, 2B6→↑, 2D6↑, 2E1→, 3A4⇒↓↑, GNT→, GT⇒↓↑, NA→↓, ST→, XO→] (**acetaminophen \ butalbital \ caffeine**)

Fioricet w/Codeine [1A1→, 1A2→, 1B1→, 2A6→, 2B6→↑, 2D6→↑, 2E1→, 3A4⇒↓↑, GNT→, GT⇒↓↑, NA→↓, ST→, XO→] (**acetaminophen \ butalbital \ caffeine \ codeine**)

Fiorinal [1A2→, 1B1→, 2B6→↑, 2D6↑, 2E1→, 3A4⇒↑, GNT↑, GT⇒↓↑, NA→, QO↑, XO→] (**aspirin \ butalbital \ caffeine**)

Fiorinal w/Codeine [1A2→, 1B1→, 2B6→↑, 2D6→↑, 2E1→, 3A4⇒↑, GNT↑, GT⇒↓↑, NA→, QO↑, XO→] (**aspirin \ butalbital \ caffeine \ codeine**)

Flagyl [3A4↓, GT→] (**metronidazole**)

Flarex [3A4→] (**fluorometholone**)

flavoxate [?] (Urispas)

flecainide [2C9↓, 2D6→↓, 3A4→] (Tambocor)

Fleet enema [Ø] (**sodium bisphosphate**)

Flexeril [1A2→, 2D6→, 3A4→, GT→] (**cyclobenzaprine**)

Flolan [MB→] (**epoprostenol**)

Flomax [2D6→, 3A4→] (**tamsulosin**)

Flonase [2D6↑, 3A4→↓↑] (**fluticasone**)

Florinef [2D6↑, 3A4→↓↑] (**fludrocortisone**)

Florone [2D6↑, 3A4→↓↑] (**diflorasone diacetate**)

flosequinan [3A4→] (Manoplax)

Flovent [2D6↑, 3A4→↓↑] (**fluticasone**)

Floxin [1A2→↓] (**ofloxacin**)

floxuridine [3A4→↓] (FUDR)

fluconazole [1A2↓, 2C9→↓, 2C19↓, 3A4→↓] (Diflucan)

flucytosine [EU] (Ancobon)

Fludara [Ø] (**fludarabine**)

fludarabine [Ø] (Fludara)

fludrocortisone [2D6↑, 3A4→↓↑] (Florinef)

Flumadine [?] (**rimantadine**)

flumazenil [AD→↓▼, GT→] (Romazicon)

flunisolide [3A4→] (AeroBid, Nasalide, Nasarel)

fluocinolone [2D6↑, 3A4→↓↑] (Derma-Smoothie, NeoSynalar, Synalar)

fluocinonide [3A4→] (Lidex)

Fluogen [H?↓] (**influenza vaccine**)

fluoride [Ø] (Luride)

fluorometholone [3A4→] (Flarex, FML)

Fluoroplex [3A4→↓] (**fluorouracil, 5-FU, Efudex**)

fluorouracil [3A4→↓] (**5-FU, Adrucil, Efudex, Fluoroplex**)

fluoxetine [1A2→↓, 2B6→, 2C9→↓, 2C19⇒↓, 2D6→↓, 3A4⇒↓, 3A5→] (Prozac, Sarafem)

fluoxymesterone [1A1⇒, 1A2→, 1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→↓, 3A5→↓, GT→, ST→↓] (Halodrin, Halotestin)

fluphenazine [1A2→, 2D6→↓, ST→] (Permitil, Prolixin)

flurandrenolide [2D6↑, 3A4→↓↑] (Cordran)

flurazepam [2C8→, 2C9→, 2D6→↓] (Dalmane)

flurbiprofen [1A2→, 2C9→, BO↓, GT→] (Ansaid)

FluShield [H?↓] (**influenza vaccine**)

flutamide [1A2→↓, 3A4→↓] (Eulexin)

fluticasone [2D6↑, 3A4→↓↑] (Cutivate, Flonase, Flovent)

fluvastatin [2C9→↓, 2D6⇒↓, 3A4⇒↓] (Lescol, Lescol XL)

Fluvirin [H?↓] (**influenza vaccine**)

fluvoxamine [1A1↓, 1A2→↓, 2C9↓, 2C19↓, 2D6→↓, 3A4↓] (Luvox)

Fluzone [H?↓] (**influenza vaccine**)

FML [3A4→] (**fluorometholone**)

folic acid [?] (Folvite)

Follistim [?] (**follitropin**)

follitropin [?] (Follistim, Gonal-F)

Folvite [?] (**folic acid**)

fomepizole [2E1↓, AD→↓] (Antizol)

fomivirsen [?] (Vitravene)

forskolin [3A4↑] (*coleus*)

forsythia [?]

Fortaz [EU] (**ceftazidime**)

Fortovase [2C9↓, 2C19↓, 2D6⇒↓, 3A4→↓] (**saquinavir**)

Fosamax [Ø] (**alendronate**)

foscarnet [EU] (Foscavir)

Foscavir [EU] (**foscarnet**)

fosfomycin [EU] (Monurol)

fosinopril [3A4→, GNT→] (Monopril)

fosphenytoin [1A2↑, 2C8→, 2C9→↓, 2C19⇒, 3A4↑, EH↑, GT↑] (Cerebyx)

Fragmin [Ø] (**dalteparin**)

freon [?]

5-FU [3A4→↓] (**fluorouracil**, Adrucil, Efudex, Fluoroplex)

FUDR [3A4→↓] (**floxuridine**)

Fulvicin [?] (**griseofulvin**)

Fungizone [GNT↓] (**amphotericin B**)

Furadantin [?] (**nitrofurantoin**)

furaphylline [1A2→↓, 2D6→, 2E1→, 3A4→]

furazolidone [2E1↓, AD↓, MAO↓] (Furoxone)

furosemide [GT→↓] (Lasix)

Furoxone [2E1↓, AD↓, MAO↓] (**furazolidone**)

gabapentin [EU] (Neurontin)

Gabitril [3A4→] (**tiagabine**)

gadodiamide [EU] (Omniscan)

gadolinium [EU] (Gadolite)

Gadolite [EU] (**gadolinium**)

gadopentatate [?] (Magnevist)

gadoversetamide [?] (Optimark)

galangin [1A1↓, 1A2↓, ST↓]

galanthamine [2D6→, GT→]

Galzin [GNT↓] (**zinc acetate**)

Gamastan [?] (**immune globulin**)

Gamimune [?] (**immune globulin**)

gamma-hydroxybutyric acid [Ø] (**GHB**)

Gammar [?] (**immune globulin**)

ganciclovir [EU] (Cytovene)

ganirelix [?] (Antagon)

Gantanol [2B6→, 2C8→, 2C9→↓, 3A4→, NA→] (**sulfamethoxazole**)

Gantrisin [2C9↓, NA→] (**sulfisoxazole**)

Garamycin [EU] (**gentamicin**)

garlic [1A1↓, 1A2↓, 2B6↑, 2E1↓, GNT↑, GT↑, ST↑]

gasoline [2E1→↓]

Gastrocrom [Ø] (**cromolyn sodium**)

Gastrografin [?] (**diatrizoate**)

Gastromark [Ø] (**ferumoxsil**)

Gas-X [Ø] (**simethicone**)

gatifloxacin [EU] (Tequin)

G-CSF [Ø] (**filgrastim**, Neupogen)

gemcitabine [Ø] (Gemzar)

gemfibrozil [3A4→] (Lopid)

gemtuzumab [?] (Mylotarg)

Gemzar [Ø] (**gemcitabine**)

Generlac [Ø] (**lactulose**)

Genesa [?] (**arbutamine**)

genistein [1A1→, 1A2→, 1B1→, 2E1→, 3A4→, GNT↑, GT→, ST→↓]

Genora 0.5/35 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Genora 1/35 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Genora 1/50 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**mestranol \ norethindrone**)

Genotropin [3A4↑] (**growth hormone, somatropin**)

gentamicin [EU] (Garamycin)

Geocillin [Ø] (**carbenicillin**)

Geref [?] (**sermorelin**)

germander [3A4→, EH→] (*teucrin A*)

Gesterol [2C9↓, 2C19↓] (**hydroxyprogesterone**)

gestodene [3A4→↓]

GHB [Ø] (*gamma-hydroxybutyric acid*)

ginger [?]

ginkgo biloba [1A1↓↑, 2C8↓, GNT↓, GT→↑, ST↓]

ginseng [?]

glatiramer [?] (**copolymer-1**, Copaxone)

Gliadel [2B6→] (**carmustine**)

glimepiride [2C9→] (Amaryl)

glipizide [2C9→] (Glucotrol, Glucotrol XL)

Glofil [Ø] (**iothalamate**)

GlucaGen [Ø] (**glucagon**)

glucagon [Ø] (GlucaGen, Glucagon)

Glucagon [Ø] (**glucagon**)

Glucophage [EU] (**metformin**)

Glucotrol [2C9→] (**glipizide**)

Glucotrol XL [2C9→] (**glipizide**)

Glucovance [2C?→, 3A4↓] (**glyburide** \ **metformin**)

Glucose [Ø] (**dextrose**)

glyburide [2C?→, 3A4↓] (Diabeta, Glucovance, Glynase, Micronase)

glycerin [Ø]

glyceryl trinitrate [XO→]

glycopyrrolate [GT→, ST→] (Robinul)

Glynase [2C?→, 3A4↓] (**glyburide**)

Glyset [EU] (**miglitol**)

GM-CSF [Ø] (**sargramostim**, Leukine)

goldenseal [3A4↓]

gold sodium thiomalate [?] (Aurolate, Myochrisine)

GoLytely [Ø] (**polyethylene glycol**)

gonadorelin [?] (Lutrepulse, Relisorm)

gonadotropin [?] (**menotropin**, Metrodin, Ovidrel, Pergonal, Repronal, Repronex)

Gonal-F [?] (**follitropin**)

goserelin [?] (Zoladex)

gotu kola [?]

granisetron [3A4→] (Kytril)

grapefruit juice [1A2↓, 2A6↓, 2C9↓, 2C19↓, 2D6↓, 2E1↓, 3A4↓]

grape juice [1A1↓, 1A2↓]

grape seed extract [?]

green tea [COMT→, GNT↑, QO↑]

grepafloxacin [1A2→↓, 3A4→↓, GT→↓, ST→↓] (Raxar)

Grifulvin [?] (**griseofulvin**)

griseofulvin [?] (Fulvicin, Grifulvin)

growth hormone[3A4↑] (**somatropin**, Genotropin, Humatrope, HumatroPen, Norditropin, Nutropin, Protropin, Saizen, Serostim)

guaifenesin [?] (Breonesin, Deconsal II, Duratuss, Entex, Guiatuss, HumibidDM, HumibidLA, Robitussin)

Guiatuss [?] (**guaifenesin**)

guanabenz [1A2→] (Wytensin)

guanadrel [?] (Hylorel)

guanethidine [H?] (Ismelin)

guanfacine [?] (Tenex)

gugulipid [?]

Gyne-Lotrimin [2A6↓, 3A4→↓↑] (**clotrimazole**)

Gynix [2A6↓, 3A4→↓↑] (**clotrimazole**)

Gynogen LA [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

Habitrol [1A1→↑, 1A2→↑, 2A6→↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3→, GT→] (**nicotine**)

halazepam [?] (Paxipam)

halcinonide [2D6↑, 3A4→↓↑] (Halog)

Halcion [3A4→↓, GT→] (**triazolam**)

Haldol [1A1→, 1A2→, 2B6→, 2C? →, 2D6→↓↑, 2E1→, 3A4→, QO↓] (**haloperidol**)

Halfan [2C8⇒, 2D6→↓, 3A4→, 3A5→] (**halofantrine**)

Halfprin [GNT↑, GT→↓, QO↑] (**ASA, aspirin**)

halobetasol [2D6↑, 3A4→↓↑] (Ultravate)

Halodrin [1A1⇒, 1A2→, 1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→↓, 3A5→↓, GT→, ST→↓] (**fluoxymesterone**)

halofantrine [2C8⇒, 2D6→↓, 3A4→, 3A5→]

Halog [2D6↑, 3A4→↓↑] (**halcinonide**)

haloperidol [1A1→, 1A2→, 2B6→, 2C? →, 2D6→↓↑, 2E1→, 3A4→, QO↓] (Haldol)

haloproglin [?] (Halotex)

Halotestin [1A1⇒, 1A2→, 1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→↓, 3A5→↓, GT→, ST→↓] (**fluoxymesterone**)

Halotex [?] (**haloproglin**)

halothane [2E1→↓]

Havrix [Ø] (**hepatitis A vaccine**)

hawthorn [?]

H-BIG [Ø] (**hepatitis B immune globulin**)

HCTZ [EU] (**hydrochlorothiazide**, Aldactazide, Aldoril, Apresazide, Atacand HCT, Capozide, Dyazide, Esidrix, Hydro-DIURIL, Hyzaar, Inderide, Lopressor, Lotensin, Maxzide, Microzide, Moduretic, Oretic, Prinzide, Timolide, Uniretic, Vaseretic, Ziac)

Hectorol [Ø] (**doxercalciferol**)

Helicosol [Ø] (**urea**)

Helidac [3A4→↓, GT→↓] (*bismuth subsalicylate* \ *metronidazole* \ *tetracycline*)

Hemabate [?] (*carboprost, 15-methyl-prostaglandin F2α*)

hemophilus b vaccine [Ø] (ActHIB, Comvax, Hib TITER, OmniHIB, PedvaxHIB, ProHIBiT, Trihibit)

heparin [Ø]

hepatitis A vaccine [Ø] (Havrix, Vaqta)

hepatitis B immune globulin [Ø] (BayHep B, H-BIG, HyperHep)

hepatitis B vaccine [Ø] (Comvax, Engerix-B, Recombivax HB)

hepatitis B virus [GNT↓]

Herceptin [?] (*trastuzumab*)

heroin [GT→]

Herplex [AO→] (*idoxuridine*)

Hespan [Ø] (*hetastarch*)

hetastarch [Ø] (Hespan, Hextend)

Hexabrix [Ø] (*ioxaglate*)

Hexalen [H?] (*altretamine*)

2-hexanone [2E1→]

hexobarbital [2B6→↑, 2C8→, 2C9→, 2C19→, 2D6↑, 3A4⇒↑, GT⇒↑]

Hextend [Ø] (*hetastarch*)

Hib [Ø] (Tetramune)

HibTITER [Ø] (*hemophilus b vaccine*)

Hiprex [MK] (*methenamine hippurate*)

Hismanal [3A4→↓] (*astemizole*)

Histussin D [2D6→, 3A4→, GT→, MAO↓] (*pseudoephedrine* \ *hydrocodone*)

Histussin HC [2D6→↓, 3A4→, FMO?→, GT→, MAO→, ST→↓] (*chlorpheniramine* \ *phenylephrine* \ *hydrocodone*)

Hivid [EU] (*ddC, zalcitabine*)

homatropine [?] (IsoptoHomatropine)

5-HTP [Ø]

Humalog [1A2↑, 2E1↓] (*insulin*)

Humatrope [3A4↑] (*growth hormone, somatropin*)

HumatroPen [3A4↑] (*growth hormone, somatropin*)

Humegon [?] (**menotropin**)

HumibidDM [2D6→↓, 3A4→] (**dextromethorphan \ guaifenesin**)

HumibidLA [?] (**guaifenesin**)

Humulin [1A2↑, 2E1↓] (**insulin**)

huperzine [?]

Hycamtin [H?] (**topotecan**)

Hycodan [2D6→, 3A4→, GT→] (**hydrocodone**)

Hycort [2D6↑, 3A4→↓↑] (**hydrocortisone**)

hydralazine [1A2→, NA→] (Apresazide, Apresoline)

hydrazine [NA→]

Hydrea [EU] (**hydroxyurea**)

hydrochlorothiazide [EU] (**HCTZ**, Accuretic, Aldactazide, Aldoril, Apresazide, Atacand HCT, Avalide, Capozide, Diovan HCT, Dyazide, Esidrix, HydroDIURIL, Hyzaar, Inderide, Lopressor, Lotensin, Maxzide, Microzide, Moduretic, Oretic, Prinzide, Timolide, Uniretic, Vaseretic, Ziac)

Hydrocil [Ø] (**psyllium**)

hydrocodone [2D6→, 3A4→, GT→] (Anexsia, Hycodan, Lorcet, Lortab, Norco, Vicodin, Zydone)

hydrocortisone [2D6↑, 3A4→↓↑] (Acticort, Anusol HC, Cetacort, Cipro HC Otic, Coly-Mycin S, Cortaid, Cortef, Corticaine, Cortisporin, Cortizone, Dermolate, Hycort, Hytone, Locoid, Otobiotic, Pandel, Solu-Cortef, Synacort, Tegrin-HC, VoSol HC, Westcort)

HydroDIURIL [EU] (**hydrochlorothiazide, HCTZ**)

hydromorphone [GT→] (Dilaudid)

hydroquinone [2E1→↓, GNT→, GT→, QO↑] (Eldopaque, Eldoquin, Esoterica, Lustra, Melanex, Solaquin)

hydroxyamphetamine [ST→] (Paremyd)

hydroxychloroquine [?] (Plaquenil)

hydroxyprogesterone [2C9↓, 2C19↓] (Duralutin, Gesterol, Hylutin, Prodrox, Pro-span)

hydroxypropyl cellulose [Ø] (Lacrisert)

hydroxyurea [EU] (Doxia, Hydrea)

hydroxyzine [2D6→↓, GT→↓] (Atarax, Vistaril)

Hygroton [EU] (**chlorthalidone**)

Hylarel [?] (**guanadrel**)

Hylutin [2C9↓, 2C19↓] (**hydroxyprogesterone**)

hyoscyamine [Ø] (Anaspaz, Cystospaz, Donnagel, Levsin, Levsinex, Urised)

Hypaque [?] (**diatrizoate**)

Hyperab [Ø] (**rabies immune globulin**)

HyperHep [Ø] (**hepatitis B immune globulin**)

hypericum [3A4↓↑] (*St. John's wort*)

Hyperstat [?] (**diazoxide**)

Hyper-tet [Ø] (**tetanus immune globulin**)

hypophysectomy [2E1?]

hypoxanthine [XO→]

Hytone [2D6↑, 3A4→↓↑] (**hydrocortisone**)

Hytrin [H?] (**terazosine**)

Hyzaar [1A1↑, 2C9→, 3A4⇒] (**HCTZ\losartan**)

ibuprofen [2C8→, 2C9→, BO↓, GNT↑, NA↓, ST↓] (Advil, Motrin, Nuprin, Rufen, Vicoprofen)

ibutilide [H?, BO→] (Corvert)

Icorel [?] (**nicorandil**)

Idamycin [?] (**idarubicin**)

idarubicin [?] (Idamycin)

idoxuridine [AO→] (Herplex)

Ifex [2B6→, 2C8⇒, 2C9⇒, 2C18→, 2C19→, 3A4→↓, 3A5→, GNT→] (**ifosfamide**)

ifosfamide [2B6→, 2C8⇒, 2C9⇒, 2C18→, 2C19→, 3A4→↓, 3A5→, GNT→] (Ifex)

Iletin [1A2↑, 2E1↓] (**insulin**)

Ilosone [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Ilotycin [1A2↓, 2D6↓, 3A4→↓] (**erythromycin**)

Imdur [3A4→] (**isosorbide mononitrate**)

imiglucerase [Ø] (Cerezyme)

Imigran [MAO-A→] (**sumatriptan**)

imipenem [MK] (Primaxin)

imipramine [1A2⇒, 2B6→, 2C8→, 2C18⇒, 2C19→, 2D6→↓, 3A4→↓, FMO3⇒↓, GT→↓] (Tofranil)

imiquimod [Ø] (Aldara)

Imitrex [MAO-A→] (**sumatriptan**)

immune globulin [?] (Gamastan, Gamimune, Gammar, Sandoglobulin)

Imodium [3A4↓] (**loperamide**)

Imogam [Ø] (**rabies immune globulin**)

Imovax [Ø] (**rabies vaccine**)

Imuran [XO→] (**azathioprine**)

Inapsine [1A2→, 2D6→↓↑, 3A4→] (**droperidol**)

indapamide [?] (Lozol)

Inderal [1A1→, 1A2→, 2C19→, 2D6→↓, 3A4→, GT→] (**propranolol**)

Inderide LA [1A1→, 1A2→, 2C19→, 2D6→↓, 3A4→, GT→] (**HCTZ\ propranolol**)

Indian holy basil [GNT↑]

indinavir [1A1↑, 2C9→↓, 2C19↓, 2D6→↓, 3A4→↓, 3A5→↓] (Crixivan)

Indocin [2C9→↓, 2C19→↓, GNT↓↑] (**indomethacin**)

indole-3-carbinol [1A1↑, FMO↓]

indomethacin [2C9→↓, 2C19→↓, GNT↓↑] (Indocin)

Infanrix [Ø] (**DTaP, diphtheria-tetanus-acellular pertussis vaccine**)

Infasurf [Ø] (**calfactant**)

Infed [Ø] (**iron dextran**)

Infergen [?] (**interferon alfacon-1**)

infliximab [?] (Remicade)

influenza vaccine [H?↓] (Fluogen, FluShield, Fluvirin, Fluzone)

INH [1A1↑, 2C9↓, 2E1→↓↑, 3A4→, MAO↓, NA→] (**isoniazid**)

Innohep [Ø] (**tinzaparin**)

Inocor [GT→, GNT↓, NA→] (**amrinone**)

Inomax [?] (**nitric oxide**)

insulin [1A2↑, 2E1↓] (Humalog, Humulin, Iletin, Lantus, Novolin, Velosulin)

Intal [Ø] (**cromolyn sodium**)

Integrilin [Ø] (**eptifibatide**)

interferon alpha-2a [1A1↓, 1A2↓, 2B6↓, 3A4↓] (Roferon-A)

interferon alpha-2b [1A1↓, 1A2↓, 2B6↓, 3A4↓] (Intron A, Rebetron)

interferon alfacon-1 [?] (Infergen)

interferon alpha-n3 [1A1↓, 1A2↓, 2B6↓, 3A4↓] (Alferon N)

interferon-beta-1a [1A1↓, 1A2↓, 2B6↓, 3A4↓] (Avonex)

interferon-beta-1b [1A1↓, 1A2↓, 2B6↓, 3A4↓] (Betaseron)

interleukin-2 [1A2↓, 2C?↓, 2E1↓, 3A4↓] (**aldesleukin**, Proleukin)

Intralipid [Ø] (**fat emulsion**)

Intron A [1A1↓, 1A2↓, 2B6↓, 3A4↓] (**interferon alpha-2b**)

Intropin [COMT→, GNT→, MAO→, QO→](**dopamine**)

Invagesic [1A2→↓, 1B1→, 2A6↓, 2B6→↓, 2C9↓, 2C19↓, 2D6↓, 2E1→↓, 3A4⇒↓, GNT↑, GT→↓, NA→, QO↑, XO→](**aspirin\caffeine\ orphenadrine**)

Inversine [EU] (**mecamylamine**)

Invirase [2C9↓, 2C19↓, 2D6⇒↓, 3A4⇒↓] (**saquinavir**)

iodine [Ø] (Thyro-Block)

iodixanol [Ø] (Visipaque)

iodonium diphenyl [XO↓]

iodoquinol [?] (Yodoxin)

iohexol [Ø] (Omnipaque)

Ionamin [H?, MAO-A↓] (**phentermine**)

iopamidol [Ø] (Isovue)

Iopidine [?] (**apraclonidine**)

iopromide [Ø] (Ultravist)

iothalamate [Ø] (Conray, Glofil)

ioversol [Ø] (Optiray)

ioxaglate [Ø] (Hexabrix)

ipecac syrup [?]

IPOL [Ø] (**poliovirus vaccine**)

ipratropium [Ø] (Atrovent, Combivent)

ipriflavone [1A2→↓, 2C9→↓]

iproniazid [MAO-A↓]

irbesartan [2C9⇒, 3A4→, GT→] (Avalide, Avapro)

irinotecan [1A1→, 3A4⇒, 3A5→, GT→] (Camptosar)

iron dextran [Ø] (Dexferrum, Infed)

Ismelin [H?] (**guanethidine**)

ISMO [3A4→] (**isosorbide mononitrate**)

isocarboxazid [?] (Marplan)

isoetharine [ST→] (Bronkometer, Bronkosol)

isoflurane [2E1→↓]

isometheptene [?] (Midrin)

isoniazid [1A1↑, 2C9↓, 2E1→↓↑, 3A4→, MAO↓, NA→] (INH, Nydrazid, Rifamate, Rifater)

iopamidol [?] (Isovue)

isoleukotoxin [EH→]

isometheptene [?] (Duradrin, Midchlor, Midrin)

isoprene [2B6→, 2E1→, 3A4→, EH→]

isopropanol [?] (Swim-Ear)

isoproterenol [COMT→] (Isuprel, Medihaler-Iso)

Isoptin [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓] (**verapamil**)

IsoptoAtropine [Ø] (**atropine**)

IsoptoCarpine [2A6→↓, 3A4⇒↓] (**pilocarpine**)

IsoptoCetamide [GT→, NA→] (**sulfacetamide**)

IsoptoHomatropine [?] (**homatropine**)

Isordil [3A4→] (**isosorbide dinitrate**)

Isordil Tembids [3A4→] (**isosorbide dinitrate**)

isosorbide dinitrate [3A4→] (DilatrateSR, Isordil, Isordil Tembids, Sorbitrate)

isosorbide mononitrate [3A4→] (Imdur, ISMO, Monoket)

isothiocyanate [GNT↑, QO↑]

isotretinoin [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (Accutane)

Isovue [?] (**iopamidol**)

isradipine [3A4→] (DynaCirc)

Isuprel [COMT→] (**isoproterenol**)

itopride [FMO→]

itraconazole [3A4→↓, GNT↓] (Sporanox)

ivermectin [3A4→] (Mectizan, Stromectol)

Ivy Block [Ø] (**bentoquatam**)

Jenest-28 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol/norethindrone**)

josamycin [3A4→↓]

Kabikinase [Ø] (**streptokinase**)

Kadian [1A2↑, 2B6↑, 2E1↑, GT→↓] (**morphine**)

kale [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

Kaletra [?] (**lopinavir**)

kanamycin [?] (Kantrex)

Kantrex [?] (**kanamycin**)

Kaochlor [Ø] (**potassium**)

Kaon [Ø] (**potassium**)

Kaopectate [Ø] (**attapulgate**)

Kato [Ø] (**potassium**)

kava kava [MAO-B→↓]

Kay Ciel [Ø] (**potassium**)

Kayexalate [Ø] (**sodium polystyrene sulfonate**)

K-Dur [Ø] (**potassium**)

Keflex [EU] (**cephalexin**)

Keflin [EU] (**cephalothin**)

Keftab [EU] (**cephalexin**)

Kefzol [EU] (**cefazolin**)

Kemadrin [H?] (**procyclidine**)

Kenacort [2D6↑, 3A4→↓↑] (**triamcinolone**)

Kenalog [2D6↑, 3A4→↓↑] (**triamcinolone**)

Keppra [Ø] (**levetiracetam**)

Kerlone [H?] (**betaxalol**)

kerosene [2E1→↓]

Kestrone 5 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estrone**)

Ketalar [2D6↓, 3A4→↓] (**ketamine**)

ketamine [2D6↓, 3A4→↓] (Ketalar)

ketoconazole [1A1↓, 2A6↓, 2C19↓, 2D6↓, 3A4→↓, 3A5↓] (Nizoral)

ketoprofen [GT→↓] (Actron, Orudis, Oruvail)

ketorolac [GT→↓] (Acular, Acular PF, Toradol)

ketotifen [AKR⇒, GT→] (Zaditor)

Klaron [EU] (**sodium sulfacetamide**)

Klonopin [3A4→↓] (**clonazepam**)

K-Lor [Ø] (**potassium**)

Klor-Con [Ø] (**potassium**)

Klorvess [Ø] (**potassium**)

Klotrix [Ø] (**potassium**)

K-Lyte-Cl [Ø] (**potassium**)

Kogenate [Ø] (**clotting factor VIII**)

Kondremul [Ø] (**mineral oil**)

K-Phos [Ø] (**phosphate**)

K-Tab [Ø] (**potassium**)

Ku-Zyme [Ø] (**pancrelipase**)

Kwell [1A2↑, 2B6↑] (**lindane**)

Kytril [3A4→] (**granisetron**)

LAAM [3A4→] (**levomethadadyl**, Orlaam)

labetalol [GT→] (Normodyne, Trandate)

Lac-Hydrin [Ø] (**lactic acid**)

Lacrisert [Ø] (**hydroxypropyl cellulose**)

lactic acid [Ø] (Lac-Hydrin)

lactulose [Ø] (Cephulac, Chronulac, Generlac)

Lamictal [GT→↑] (**lamotrigine**)

Lamisil [H?, 2D6↓] (**terbinafine**)

lamivudine [EU] (**3TC**, Combivir, Epivir)

lamotrigine [GT→↑] (Lamictal)

Lanoxicaps [3A4→↓, GT⇒] (**digoxin**)

Lanoxin [3A4→↓, GT⇒] (**digoxin**)

lansoprazole [1A2↑, 2C19→↓, 2D6↓, 3A4→, NA↑] (Prevacid, Prevpac)

Lantus [1A2↑, 2E1↓] (**insulin**)

Laradopa [MAO→] (**levodopa**)

Lariam [H?, 3A4↓] (**mefloquine**)

Lasix [GT→↓] (**furosemide**)

latamoxef [EU, AD↓] (Moxalactam)

latanoprost [BO→] (Xalatan)

lazabemide [MAO-B↓]

leflunomide [H?, 2C9↓, GT→] (Arava)

Lemuni Hitam [MAO↓]

lepirudin [?] (Refludan)

Lescol [2C9→↓, 2D6⇒↓, 3A4⇒↓] (**fluvastatin**)

Lescol XL [2C9→↓, 2D6⇒↓, 3A4⇒↓] (**fluvastatin**)

letrozole [2A6→↓▼, 2C19↓, 3A4→, GT→] (Femara)

leucovorin [?] (Wellcovorin)

Leukeran [BO→, GNT↑, GT→↓] (**chlorambucil**)

Leukine [Ø] (**GM-CSF, sargramostim**)

leukotoxin [EH→]

leuprolide [Ø] (Leupron, Lupron, Viadur)

Leupron [Ø] (**leuprolide**)

Leustatin [?] (**cladribine**)

levabuterol [?] (Xopenex)

levamisole [AP↓, GT→] (Ergamisol)

Levaquin [1A2→↓] (**levofloxacin**)

Levatol [H?, GT→] (**penbutolol**)

levetiracetam [Ø] (Keppra)

Levlen [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓, 3A4→↓↑, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ levonorgestrel**)

LevLite [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓, 3A4→↓↑, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ levonorgestrel**)

levobetaxolol [?] (Betaxon)

levobunolol [GT→, ST→] (Akbeta, Betagan)

levobupivacaine [GT→] (Chirocaine)

levocabastine [GT→] (Levostin)

levocarnitine [Ø] (Carnitor)

levodopa [MAO→] (Dopar, Laradopa, Sinemet, Sinemet CR)

Levo-Dromoran [2D6→, 3A4→, GT→] (**levorphanol**)

levofloxacin [1A2→↓] (Levaquin, Quixen)

levomepromazine [2D6↓]

levomethadadyl [3A4→] (**LAAM**, Orlaam)

levonorgestrel [2C9⇒↓, 2C19→↓, 3A4 →↓↑] (Alesse, Levlen, Levlite, Levora, Nordette, Norplant, Plan-B, Preven, Tri-Levlen, Triphasil, Trivora)

levonorgestrine [2C9⇒↓, 2C19→↓, 3A4→↓▼↑]

Levophed [COMT→, MAO→] (**norepinephrine**)

Levora [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19→↓, 3A4→↓↑, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ levonorgestrel**)

levormeloxifene [H?]

levorphanol [2D6→, 3A4→, GT→] (Levo-Dromoran)

Levostin [GT→] (**levocabastine**)

Levothroid [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**levothyroxine**)

levothyroxine [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**T4, thyroxine**, Eltroxin, Euthroid, Euthyrox, Levothroid, Levoxine, Levoxyl, Oroxine, Synthroid, Thyrolar)

Levoxine [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**levothyroxine**)

Levoxyl [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**levothyroxine**)

Levsin [Ø] (**hyoscyamine**)

Levsinex [Ø] (**hyoscyamine**)

Levulan [?] (**aminolevulinic acid**)

Lexxel [3A4→, GNT→] (**enalapril \ felodipine**)

Librax [3A4→] (**chlordiazepoxide \ clonidinum**)

Librium [3A4→] (**chlordiazepoxide**)

licorice [1A2↑, 2A6↑, 2B6↑, 3A4↓↑]

Lidex [3A4→] (**fluocinonide**)

lidocaine [1A2⇒↓, 2B6→, 2C?→, 2D6→, 3A4→] (EMLA Cream, Lidoderm, Lipoderm, Xylocaine)

Lidoderm [1A2⇒↓, 2B6→, 2C?→, 2D6→, 3A4→] (**lidocaine**)

Lidone [?] (**molindone**)

Limbitrol [1A2→, 2C9⇒, 2C19→, 2D6→↓, 3A4→↓, GT→↓] (**amitriptyline \ chlordiazepoxide**)

Lincocin [?] (**lincomycin**)

lincomycin [?] (Lincocin)

lindane [1A2↑, 2B6↑] (Kwell)

linezolid [MAO↓] (Zyvox)

linoleic acid [2C9→]

Lioresal [?] (**baclofen**)

liothyronine [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**T3**, Cyronine, Cytomel, Euthroid, Tertroxin, Thyrolar, Triostat)

liotrix [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (Euthroid)

Lipitor [3A4→, GT→] (**atorvastatin**)

Lipoderm [1A2⇒↓, 2B6→, 2C?→, 2D6→, 3A4→] (**lidocaine**)

Liposyn [Ø] (**fat emulsion**)

Liquid Pred [2C19↑, 3A4→↓↑] (**prednisone**)

lisinopril [EU] (Prinivil, Prinzide, Zestoretic, Zestril)

Lithane [EU] (**lithium**)

lithium [EU] (Eskalith, Lithane, Lithobid, Lithonate)

Lithobid [EU] (**lithium**)

Lithonate [EU] (**lithium**)

Lithostat [?] (**acetoxyhydroxamic acid**)

Livostin [GT→] (**levocabastine**)

lobelia [?]

Lo Cholest [Ø] (**cholestyramine**)

Locoid [2D6↑, 3A4→↓↑] (**hydrocortisone**)

Lodine [H?, GT→] (**etodolac**)

lodoxamine [XO↓] (Alomide)

Loestrin [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

lomefloxacin [1A2↓, GT→] (Maxaquin)

Lomotil [H?, GT→] (**atropine \ diphenoxylate**)

lomustine [2D6↓, 3A4↓, NA→] (**CCNU**, CeeNu)

Loniten [ST→] (**minoxidil**)

Lo/Ovral [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓↑, 3A4→↓↑, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norgestrel**)

loperamide [3A4↓] (Imodium)

Lopid [3A4→] (**gemfibrozil**)

lopinavir [?] (Kaletra)

LopressorHCT [2D6→↓] (*HCTZ \ metoprolol*)

Lopressor [2D6→↓] (*metoprolol*)

Loprox [GT→] (*ciclopirox*)

Lorabid [EU] (*loracarbef*)

loracarbef [EU] (Lorabid)

loratadine [2B6↑, 2D6→, 3A4→↑] (Claritin, Claritin-D)

lorazepam [GT→↓] (Ativan)

Lorcet [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (*hydrocodone \ acetaminophen*)

Lortab [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (*hydrocodone \ acetaminophen*)

losartan [1A1↑, 2C9→, 3A4⇒] (Cozaar, Hyzaar)

Lotemax [2C19↑, 2D6↑, 3A4→↓↑] (*loteprednol*)

Lotensin [H?, GT→] (*benazepril*)

Lotensin HCT [H?, GT→] (*benazepril \ HCTZ*)

loteprednol [2C19↑, 2D6↑, 3A4→↓↑] (Alrex, Lotemax)

Lotrel [3A4→, GT→] (*amlodipine \ benazepril*)

Lotrimin [2A6↓, 3A4→↓↑] (*clotrimazole*)

Lotrisone [2A6↓, 2D6↑, 3A4→↓↑] (*betamethasone \ clotrimazole*)

Lotronex [1A2→↓, 2C9⇒, 2E1↓, 3A4→, GT⇒, NA↓] (*alosetron*)

lovastatin [2C9→↓, 2D6↓, 3A4→↓] (Mevacor)

Lovenox [?] (*enoxaparin*)

Low-Ogestrel [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norgestrel*)

loxapine [H?, GT→] (Loxitane)

Loxitane [H?, GT→] (*loxapine*)

Lozol [?] (*indapamide*)

LSD [?] (*lysergic acid*)

Ludiomil [2D6→] (*maprotiline*)

Lumenhance [?] (*manganese chloride tetrahydrate*)

Luminal [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GNT↑, GT⇒↑, ST→] (*phenobarbital*)

Lunelle [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (*estradiol \ medroxyprogesterone*)

Lupron [Ø] (**leuprolide**)

Luride [Ø] (**fluoride**)

Lustra [2E1→↓, GNT→, GT→, QO↑] (**hydroquinone**)

lutein [1A1↑, 1A2↑, 2B6↑, 3A4↑]

Lutrepulse [?] (**gonadorelin**)

Luxiq [2D6↑, 3A4→↓↑] (**betamethasone**)

Luvox [1A1↓, 1A2→↓, 2C9↓, 2C19↓, 2D6→↓, 3A4↓] (**fluvoxamine**)

lycopene [1A1↑, 1A2↑, 2B6↑, 3A4↑, GNT↑, QO↑]

lyme disease vaccine [?] (LYMErix)

LYMErix [?] (**lyme disease vaccine**)

lypressin [Ø] (Diapid)

lysergic acid [?] (*LSD*)

Lysodren [?] (**mitotane**)

Maalox [Ø] (**aluminum hydroxide \ magnesium hydroxide**)

Macrobid [?] (**nitrofurantoin**)

Macrodantin [?] (**nitrofurantoin**)

Macrodex [Ø] (**dextran**)

mafenide [?] (Sulfamylon)

magaldrate [?] (Riopan)

magnesium citrate [Ø]

magnesium gluconate [Ø]

magnesium hydroxide [Ø] (Maalox, Milk of Magnesia, Mylanta)

magnesium oxide [Ø]

magnesium sulfate [Ø]

Magnevist [?] (**gadopentatate**)

ma-haung [Ø]

Malarone [2C19→, GT→] (**atovaquone \ proguanil**)

Mandelamine [MK] (**methenamine mandelate**)

Mandol [EU, AD↓] (**cefamandol**)

Manerix [1A2↓, 2C19→↓, 2D6↓, MAO-A↓] (**moclobemide**)

mangafodipir [?] (Teslascan)

manganese chloride tetrahydrate [?] (Lumenhance)

mannitol [Ø] (Osmitrol)

Manoplax [3A4➔] (**flasequinan**)

maprotiline [2D6➔] (Ludiomil)

Marcaine [2C19➔, 2D6➔, 3A4➔, GT➔] (**bupivacaine**)

Marinol [2C9➔, 3A4➔] (**dronabinol**)

Marmine [2D6➔↓, ST↓] (**dimenhydrinate**)

Marplan [?] (**isocarboxazid**)

masoprocol [?] (Actinex)

Matulane [1A2➔, 2B6➔] (**procarbazine**)

Mavik [H?, GT➔] (**trandolapril**)

Maxair [ST➔] (**pirbuterol**)

Maxalt [2D6➔↓, MAO-A➔, ST➔] (**rizatriptan**)

Maxaquin [1A2↓, GT➔] (**lomefloxacin**)

Maxidex [2D6↑, 3A4➔↓↑] (**dexamethasone**)

Maxiflor [2D6↑, 3A4➔↓↑] (**diflorasone diacetate**)

Maxipime [EU] (**cefepime**)

Maxitrol [2D6↑, 3A4➔↓↑] (**dexamethasone \ neomycin \ polymyxin**)

Maxzide [ST➔] (**HCTZ \ triamterene**)

Mazanor [?] (**mazindol**)

mazindol [?] (Mazanor, Sanorex)

MDMA [2D6➔] (*ecstasy, methylene-dioxy- methamphetamine*)

measles,mumps,rubella vaccine [Ø] (**M-M-R II**)

Mebaral [1A2↑, 2A6↑, 2B6➔↑, 2C8➔, 2C9➔, 2C18↑, 2C19➔, 2D6↑, 3A4➔↑, EH↑, GT➔↑, ST➔] (**mephobarbital**)

mebendazole [H?] (Vermox)

mecamylamine [EU] (Inversine)

mechlorethamine [Ø] (Mustargen)

meclizine [?] (Antivert, Bonine, D-vert)

meclofenamate [H?] (Meclomen)

Meclomen [H?] (**meclofenamate**)

Mectizan [3A4➔] (**ivermectin**)

Medihaler-Iso [COMT→] (**isoproterenol**)

Medrol [3A4→↓↑] (**methylprednisolone**)

medroxyprogesterone [2C9⇒↓, 2C19→↓, 3A4→↓↑] (Amen, Curretab, Cycrin, Depo-Provera, Lunelle, Premphase, Prempro, Provera)

mefenamic acid [2C9→, GT→] (Ponstel)

mefloquine [H?, 3A4↓] (Lariam)

Mefoxin [EU] (**cefoxitin**)

Megace [?] (**megestrol**)

megestrol [?] (Megace)

Melanex [2E1→↓, GNT→, GT→, QO↑] (**hydroquinone**)

melatonin [GT→, ST→]

Mellaril [1A2→, 2D6→↓, FMO?→] (**thioridazine**)

meloxicam [2C9→, 3A4→] (Mobic)

melphalan [MB, GNT→] (Alkeran)

menadione [1A1↓, 1A2↓]

Menest [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estrogen**)

menotropin [?] (**gonadotropins**, Humegon, Ovidrel, Repronal, Repronex)

Mentax [?] (**butenafine**)

meperidine [3A4→] (Demerol)

mephentermine [H?] (Wyamine)

mephenytoin [1A2→, 2B6→, 2C8→, 2C9→, 2C18→, 2C19→, 3A4→] (Mesantoin)

mephobarbital [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GT⇒↑, ST→] (Mebaral)

Mephyton [?] (**phytonadione, vitamin K**)

mepivacaine [H?] (Carbocaine)

Mepron [GT→] (**atovaquone**)

mequinol [GT→, ST→] (Solage)

mercaptopurine [MT→, XO→] (Purinethol)

Meridia [3A4→] (**sibutramine**)

Meronem [MB] (**meropenem**)

meropenem [MB] (Meronem, Merrem IV)

Merrem IV [MB] (**meropenem**)

mesalamine 5-ASA [NA→] (Asacol, Pentasa, Rowasa)

Mesantoin [1A2→, 2B6→, 2C8→, 2C9→, 2C18→, 2C19→, 3A4→] (**mephenytoin**)

mescaline [?]

mesoridazine [?] (Serentil)

mestranol [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (Genora 1/50, Nelova 1/50M, Norethin 1/50M, Norinyl 1+50, Ortho-Novum 1/50)

Mestinon [?] (**pyridostigmine**)

Metadate ER [2D6→↓] (**methylphenidate**)

Metamucil [∅] (**psyllium**)

Metandren [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**methyltestosterone**)

Metaprel [ST→] (**metaproterenol**)

metaproterenol [ST→] (Alupent, Metaprel, Prometa)

metaraminol [ST→] (Aramine)

Metastron [?] (**strontium-89**)

metaxalone [?] (Skelaxin)

metformin [EU] (Glucophage, Glucovance)

methacholine [?] (Provocholine)

methadone [1A2→, 2C8→, 2C18→, 2D6→↓, 3A4→↓] (Dolophin)

methamphetamine [2D6→]

methanol [AD→]

methenamine hippurate [MK] (Hiprex, Urex, Urised)

methenamine mandelate [MK] (Mandelamine)

Methergine [H?] (**methylergonovine**)

methicillin [EU] (Staphcillin)

methimazole [1A2↓, 2B6↓, 2C9↓, 2C19↓, 2D6↓, 3A4↓, FMO3→↓] (Tapazole)

methionine [FMO1→, FMO2→, FMO3→]

methocarbamol [?] (Robaxin, Robaxisal)

methohexital [?] (Brevital)

methotrexate [AO→, XO→] (Rheumatrex)

methoxamine [?] (Vasoxyl)

methoxsalen [1A2↓, 2A6→↓] (Uvadex)

methoxyflurane [1A2→, 2C9→, 2D6→, 2E1→↓]

methsuximide [2C19→↓, GT↑] (Celontin)

methyclothiazide [?] (Aquatensen)

methylcellulose [Ø] (Citrucel)

3-methylcholanthrene [1A1↑, 1A2↑, 2B6↑, 3A4↑]

methyldopa [ST→] (Aldoclor, Aldomet, Aldoril)

methylene blue [?] (Urolene Blue)

methylene chloride [?]

methylene-dioxy-methamphetamine [2D6→] (*ecstasy*, *MDMA*)

methylergonovine [H?] (Methergine)

methylphenidate [2D6→↓] (Concerta, Metadate ER, Mthylin, Ritalin)

1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine [AO→, FMO?→] (*MPTP*)

methylprednisolone [3A4→↓↑] (Depo-Medrol, Medrol, Solu-Medrol)

15-methyl-prostaglandin F2α [Ø] (**carboprost**, Hemabate)

4-methylpyrazole [AD→↓]

methylpyrene [1A1→, 1A2→, 1B1→, 2A6→, 2E1→, 3A4→]

methyltestosterone [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (Android, Estratest, Metandren, Oreton, Testomet, Testred, Virilon)

methylthiazole [EH↑]

methylthiophanate [1A1↑, 1A2↑, 2B6↓↑, 2E1↑, 3A4↑]

methysergide [?] (Sansert)

metoclopramide [H?, GT→] (Reglan)

metolazone [?] (Mykrox, Zaroxolyn)

metoprolol [2D6→↓] (Lopressor, LopressorHCT, Toprol XL)

Metrodin [?] (**gonadotropin**, **menotropin**)

MetroGel-Vaginal [3A4↓, GT→] (**metronidazole**)

MetroLotion [3A4↓, GT→] (**metronidazole**)

metronidazole [3A4↓, GT→] (Flagyl, Helidac, MetroGel-Vaginal, MetroLotion, Noritate)

metyrapone [1A1↑, 3A4↑]

Mevacor [2C9→↓, 2D6↓, 3A4→↓] (**lovastatin**)

mexiletine [1A2⇒↓, 2D6→↓] (Mexitil)

Mexitil [1A2⇒↓, 2D6→↓] (**mexiletine**)

Mezlin [EU] (**mezlocillin**)

mezlocillin [EU] (Mezlin)

Miacalcin [AP↑] (**calcitonin**)

mibefradil [1A2↓, 2D6↓, 3A4→↓] (Posicor)

Micardis [GT→] (**telmisartan**)

Micatin [2A6↓, 2C9↓, 3A4→↓↑] (**miconazole**)

miconazole [2A6↓, 2C9↓, 3A4→↓↑] (Femizol, Micatin, Monistat, M-Zole)

MICRhoGAM [Ø] (**RHO immune globulin**)

Micro-K [Ø] (**potassium**)

Micronase [2C?→, 3A4↓] (**glyburide**)

MicroNefrin [COMT→, MAO→] (**epinephrine**)

Micronor [2C9⇒↓, 2C19→↓↑, 3A4→↓↑] (**norethindrone**)

Microzide [EU] (**HCTZ, hydrochlorothiazide**)

Midamor [EU] (**amiloride**)

midazolam [3A4→↓] (Versed)

Midchlor [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ dichloralphenazone \ isometheptene**)

midodrine [?] (ProAmatine)

Midrin [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ dichloralphenazone \ isometheptene**)

mifepristone [2B6→↓, 2D6→↓, 3A4→↓] (**RU486**)

Migergot [1A2→, 1B1→, 2E1→, 3A4→↓, GT→, NA→, XO→] (**caffeine \ ergotamine**)

miglitol [EU] (Glyset)

Migranal [3A4→↓] (**dihydroergotamine**)

Milk of Magnesia [Ø] (**magnesium hydroxide**)

milk thistle [?]

Milontin [2C19→↓] (**phensuximide**)

Milophene [ST↓] (**clomiphene**)

milrinone [GNT↓, GT⇒] (Primacor)

mineral oil [Ø] (Agoral, Kondremul)

Minipress [H?] (**prazosin**)

Minitran [?] (**nitroglyceride**)

Minizide [H?] (**polythiazide \ prazosin**)

Minocin [3A4→↓] (**minocycline**)

minocycline [3A4→↓] (Minocin)

minoxidil [ST→] (Loniten, Rogaine)

Mintezol [1A1↑, 1A2→, GT→, ST→] (**thiabendazole**)

miocamycin [3A4→, 3A5→]

MiraLax [Ø] (**polyethylene glycol**)

Miraluma [?] (**technetium tc-99m**)

Mirapex [EU, 2D6↓] (**pramipexole**)

Mircette [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**desogestrel \ ethinyl estradiol**)

mirtazapine [1A2⇒↓, 2D6⇒↓, 3A4⇒↓, GT→] (Remeron)

misoprostol [BO→] (**PGE1**, Arthrotec, Cytotec)

mistletoe [?]

Mithracin [EU] (**mithramycin, plicamycin**)

mithramycin [EU] (**plicamycin**, Mithracin)

mitomycin [QO→] (Mutamycin)

mitotane [?] (Lysodren)

mitoxantrone [H?] (Novantrone)

Mivacron [PC→] (**mivacurium**)

mivacurium [PC→] (Mivacron)

M-M-R II [Ø] (**measles, mumps, rubella vaccine**)

Moban [?] (**molindone**)

Mobic [2C9→, 3A4→] (**meloxicam**)

moclobemide [1A2↓, 2C19→↓, 2D6↓, MAO-A↓] (Manerix)

modafinil [1A2↑, 2B6↑, 2C9↓, 2C19↓, 3A4→↑] (Provigil)

Modicon [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Moduretic [EU] (**amiloride \ HCTZ**)

moexipril [?] (Uniretic, Univasc)

molindone [?] (Lidone, Moban)

mometasone [?] (Elocon, Nasonex)

Monistat [2A6↓, 2C9↓, 3A4→↓↑] (**miconazole**)

Monocid [EU] (**cefonicid**)

Monoket [3A4→] (**isosorbide mononitrate**)

Monopril [3A4→, GNT→] (**fosinopril**)

montelukast [2C9→, 3A4→] (Singulair)

Monurol [3A4→, GNT→] (**fosfomycin**)

moricizine [H?] (Ethmozine)

morphine [1A2↑, 2B6↑, 2E1↑, GT→↓] (Kadian, MS-Contin, Oramorph SR, Roxanol)

Motofen [H?, GT→] (**atropine \ difenoxin**)

Motrin [2C8→, 2C9→, BO↓, GNT↑, NA↓, ST↓] (**ibuprofen**)

Moxalactam [EU, AD↓] (**latamoxef**)

moxifloxacin [GT→, ST→] (Avelox)

moxonidine [CT→, GNT→, GT→]

MPTP [AO→, FMO?→] (*1-methyl-4-phenyl-1,2,3,6-tetrahydro-pyridine*)

MS Contin [1A2↑, 2B6↑, 2E1↑, GT→↓] (**morphine**)

MSM [?]

Mthylin [2D6→↓] (**methylphenidate**)

Mucomyst [Ø] (**acetylcysteine**)

mupirocin [?] (Bactroban)

Murine Ear [Ø] (**carbamide peroxide**)

Muse [Ø] (**alprostadil**)

mustard [1A1↑, 1A2↑, 2E1↓↑, GNT↑, QO↑]

Mustargen [Ø] (**mechlorethamine**)

Mutamycin [QO→] (**mitomycin**)

Myambutol [EU] (**ethambutol**)

Mycelex [2A6↓, 3A4→↓↑] (**clotrimazole**)

Mycifradin [?] (**neomycin**)

Mycobutin [1A2↑, 3A4→↓↑] (**rifabutin**)

Mycolog [3A4→↓↑] (**triamcinolone**)

mycophenolate mofetil [GT→] (CellCept)

Mycostatin [?] (**nystatin**)

Mydrin [MAO→] (**phenylephrine**)

Mydriacyl [?] (**tropicamide**)

Mykrox [?] (**metolazone**)

Mylanta [Ø] (**aluminum hydroxide \ magnesium hydroxide**)

Myleran [GNT→] (**busulfan**)

Mylicon [Ø] (**simethicone**)

Mylotarg [?] (**gemtuzumab**)

Myochrisine [?] (**gold sodium thiomalate**)

Mysoline [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GNT↑, GT⇒↑, ST→] (**primidone**)

M-Zole [2A6↓, 2C9↓, 3A4→↓↑] (**miconazole**)

nabumetone [H?] (Relafen)

nadolol [EU] (Corgard, Corzide)

nafarelin [?] (Synarel)

Nafcil [EU, 1A2↑] (**nafcillin**)

nafcillin [EU, 1A2↑] (Nafcil, Nallpen, Unipen)

naftifine [?] (Naftin)

Naftin [?] (**naftifine**)

nalbuphine [H?] (Nubain)

Naldecon [1A2→, 2D6→↓, 3A4→, FMO?→, MAO→↓, ST→↓] (**chlorpheniramine \ phenylpropanolamine**)

Nalfon [GT→] (**fenoprofen**)

nalidixic acid [H?, GT→] (NegGram)

Nallpen [EU, 1A2↑] (**nafcillin**)

nalmefene [GT→] (Revex)

naloxone [GT→] (Narcan, Talwin NX)

naltrexone [H?, GT→] (Depade, ReVia)

nandrolone decanoate [?] (Deca-Durabolin)

nandrolone phenpropionate [?] (Durabolin)

naphazoline [?] (AK-Con, Albalon, Naphcon, Ocuhist, Vasocon)

Naphcon [?] (**naphazoline**)

Naphcon-A [2D6→↓, 3A4→, ST→↓] (**naphazoline \ pheniramine**)

Naprelan [1A2→, 2C8→, 2C9→, GT→↓] (**naproxen**)

Naprosyn [1A2→, 2C8→, 2C9→, GT→↓] (**naproxen**)

naproxen [1A2→, 2C8→, 2C9→, GT→↓] (Aleve, Aleve Cold & Sinus, Anaprox, EC-Naprosyn, Naprelan, Naprosyn)

α-naphthoflavone [1A1↓, 1A2↓]

β-naphthoflavone [1A1↑, GNT↑, QO↑]

naratriptan [H?] (Amerge)

Narcan [GT→] (**naloxone**)

Nardil [MAO→↓, NA→] (**phenelzine**)

NAROPIN™ [1A2→, 3A4→] (**ropivacaine**)

Nasacort [3A4→↓↑] (**triamcinolone**)

NaSal [Ø] (**saline nasal spray**)

Nasalide [3A4→] (**flunisolide**)

Nasarel [3A4→] (**flunisolide**)

Nascobal [2C19→] (**vitamin B12, cyanocobalamin**)

Nasonex [?] (**mometasone**)

Natacyn [Ø] (**natamycin**)

natamycin [Ø] (Natacyn)

Navane [2D6↓, QO↓] (**thiothixene**)

Navelbine [H?, 2D6↓] (**vinorelbine**)

Nebcin [?] (**tobramycin**)

nebivolol [?]

NebuPent [H?] (**pentamidine**)

nedocromil [EU] (Tilade)

NEE 1/35 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST⇒] (**ethinyl estradiol \ norethindrone**)

nefazodone [1A2↓, 2D6⇒↓, 3A4⇒↓] (Serzone)

NegGram [H?, GT→] (**nalidixic acid**)

nelfinavir [1A2→↓, 2C19→↓, 2D6⇒↓, 3A4⇒↓, GT↑] (Viracept)

Nelova 0.5/35 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST⇒] (**ethinyl estradiol \ norethindrone**)

Nelova 1/35E [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST⇒] (**ethinyl estradiol \ norethindrone**)

Nelova 1/50M [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST⇒] (**mestranol \ norethindrone**)

Nelova 10/11 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Nembutal [2B6⇒↑, 2D6↑, 3A4⇒↑, GT⇒↑] (**pentobarbital**)

NeoDecadron [2D6↑, 3A4⇒↓↑] (**dexamethasone \ neomycin**)

neomycin [?] (Coly-Mycin S, Cortisporin, Maxitrol, Mycifradin, NeoDecadron, Neosporin, Neo-Synalar, Oticair, Statrol)

Neoral [2C8↓, 3A4⇒↓] (**cyclosporine**)

Neosar [2B6⇒↑, 2C8⇒, 2C9⇒, 2C18⇒, 2C19⇒, 3A4⇒↓, GNT⇒↓, PC↓] (**cyclophosphamide**)

Neosporin [∅] (**bacitracin \ neomycin \ polymyxin**)

neostigmine [?] (Prostigmin)

NeoSynalar [2D6↑, 3A4⇒↓↑] (**fluocinolone \ neomycin**)

Neo-Synephrine [MAO⇒] (**phenylephrine**)

Neotect [?] (**technetium tc-99m**)

Nephron [COMT⇒, MAO⇒] (**epinephrine**)

Nesacaine [MB] (**chloroprocaine**)

netilmicin [EU] (Netromycin)

Netromycin [EU] (**netilmicin**)

Neumega [?] (**oprelvekin**)

Neupogen [∅] (**filgrastim, G-CSF**)

Neurontin [EU] (**gabapentin**)

Neutra-Phos [∅] (**phosphate**)

Neutrexin I [H?, GT⇒, ST⇒] (**trimetrexate**)

nevirapine [3A4⇒↑, GT⇒] (Viramune)

niacin [H?] (**nicotinic acid, vitamin B3**, Niaspan)

Niaspan [H?] (**niacin**)

nicardipine [2B6↑, 3A4⇒↓] (Cardene)

Nicoderm [1A1⇒↑, 1A2⇒↑, 2A6⇒↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3⇒, GT⇒] (**nicotine**)

nicorandil [?] (Icorel)

Nicorette [1A1⇒↑, 1A2⇒↑, 2A6⇒↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3⇒, GT⇒] (**nicotine**)

nicotine [1A1⇒↑, 1A2⇒↑, 2A6⇒↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3⇒, GT⇒] (Habitrol, Nicoderm, Nicorette, Nicotrol, Prostep)

nicotinic acid [H?] (**niacin, vitamin B3**, Niaspan)

Nicotrol NS [1A1→↑, 1A2→↑, 2A6→↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3→, GT→]
(nicotine)

Nicotrol Transdermal [1A1→↑, 1A2→↑, 2A6→↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3→, GT→] **(nicotine)**

nifedipine [3A4→↓] (Adalat, Procardia)

Niferex [∅] **(ferrous polysaccharide)**

Nilandron [2C19→] **(nilutamide)**

nilutamide [2C19→] (Nilandron)

Nimbex [∅] **(cisatracurium)**

nimodipine [3A4→] (Nimotop)

Nimotop [3A4→] **(nimodipine)**

Nipent [?] **(pentostatin)**

Nipride [1A1↓, 1A2↓] **(nitroprusside)**

nisoldipine [3A4→] (Sular)

nitric oxide [FMO?↓] (Inomax)

4-nitroanisole [2A6→, 2E1→]

Nitro-bid [?] **(nitroglyceride)**

6-nitrochrysene [1A1↑, GNT↑, NA↑]

Nitrodisc [?] **(nitroglyceride)**

Nitro-Dur [?] **(nitroglyceride)**

nitrofurantoin [?] (Furadantin, Macrobid, Macrochantin)

nitroglyceride [?] (Deponit, Minitran, NitroBid, Nitroglyn, Nitrol, Nitrolingual, Nitrong, Nitro Noven, Nitrostat, Nitro-Dur, Nitrodisc, Transderm-Nitro, Tridil)

Nitroglyn [?] **(nitroglyceride)**

Nitrol [?] **(nitroglyceride)**

Nitrolingual [?] **(nitroglyceride)**

1-nitronaphthalene [GNT→]

Nitrong [?] **(nitroglyceride)**

Nitro Noven [?] **(nitroglyceride)**

4-nitrophenol [2A6→↓, 2E1→↓]

Nitropress [1A1↓, 1A2↓] **(nitroprusside)**

nitroprusside [1A1↓, 1A2↓] (Nipride, Nitropress)

nitropyrene [1A2→]

nitrosodi-n-propylamine [2C?→, 2E1→, 3A4→, 3A5→]

Nitrostat [?] (**nitrolyceride**)

nitrous oxide [?]

Nix [H?, 2B6↑] (**permethrin**)

nizatidine [H?, 3A4↓] (Axid)

Nizoral [1A1↓, 2A6↓, 2C19↓, 2D6↓, 3A4→↓, 3A5↓] (**ketoconazole**)

N,N-dimethylaniline [FMO?→↓]

N-nitrosodi-n-propylamine [2E1→, 3A4→, 3A5→]

Noctec [2E1→] (**chloral hydrate**)

n-octylamine [FMO3↓, FMO5→]

NoDoz [1A2→, 1B1→, 2E1→, 3A4→, GT→, NA→, XO→] (**caffeine**)

Nolvadex [1A1→, 1A2→, 2A6→, 2B6→↑, 2C8→, 2C9→↓↑, 2D6→, 2E1→↑, 3A4→↓↑, 3A5↑, EH↑, FMO?→, NA↓] (**tamoxifen**)

None [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒, 2C19⇒, 3A4⇒↓, 3A5⇒↓, GT⇒, ST⇒] (**ethynodiol**)

Norco [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ hydrocodone**)

Norcuron [?] (**vecuronium**)

Nordette [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT⇒, ST⇒] (**ethinyl estradiol \ levonorgestrel**)

Norditropin [3A4↑] (**growth hormone, somatropin**)

norephedrine [MAO↓]

norepinephrine [COMT→, MAO→] (Levophed)

Norethin 1/35E [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT⇒, ST⇒] (**ethinyl estradiol \ norethindrone**)

Norethin 1/50M [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT⇒, ST⇒] (**mestranol \ norethindrone**)

norethindrone [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (Activella, Aygestin, Brevicon, CombiPatch, Estrostep, Femhrt 1/5, Genora, Jenest-28, Loestrin, Micronor, Modicon, NEE, Nelova, Norethin, Norinyl, Norlutate, Norlutin, Nor-QD, Ortho-Novum, Ovcon, Tri-Norinyl)

Norflex [1A2↓, 2A6↓, 2B6→↓, 2C9↓, 2C19↓, 2D6↓, 2E1↓, 3A4↓] (**orphenadrine**)

norfloxacin [1A2→↓, 3A4→↓] (Chibroxin, Noroxin)

Norgesic [1A2→↓, 1B1→, 2A6↓, 2B6→↓, 2C9↓, 2C19↓, 2D6↓, 2E1→↓, 3A4⇒↓, GNT↑, GT→↓, NA→, QO↑, XO→] (**aspirin \ caffeine \ orphenadrine**)

norgestimate [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (Ortho-Cyclen, Ortho-Prefest, Ortho Tri-Cyclen)

norgestrel [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (Lo/Ovral, Low-Ogestrel, Ovral, Ovrette)

Norinyl 1/35E [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol* \ *norethindrone*)

Norinyl 1+50 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*mestranol* \ *norethindrone*)

Noritate [3A4↓, GT→] (*metronidazole*)

Norlulate [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (*norethindrone*)

Norlutin [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (*norethindrone*)

Normiflo [∅] (*ardeparin*)

Normodyne [GT→] (*labetalol*)

Noroxin [1A2⇒↓, 3A4⇒↓] (*norfloxacin*)

Norpace [3A4→] (*disopyramide*)

Norplant [2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑] (*levonorgestrel*)

Norpramin [1A2→, 2C18→, 2C19→, 2D6⇒↓] (*desipramine*)

Nor-QD [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (*norethindrone*)

nortryptiline [1A2→, 2C19→, 2D6⇒↓, 3A4→↓] (Aventyl, Pamelor)

Norvasc [3A4→] (*amlodipine*)

Norvir [1A2↑, 2C9⇒↓↑, 2C19⇒↓↑, 2D6⇒↓, 3A4⇒↓↑, GT↑] (*ritonavir*)

Norzine [?] (*thiethylperazine*)

Novantrone [H?] (*mitoxantrone*)

Novastan [3A4→] (*argatroban*)

Novocain [MB] (*procaine*)

Novolin [1A2↑, 2E1↓] (*insulin*)

Nubain [H?] (*nalbuphine*)

Nulytely [∅] (*bicarbonate* \ *polyethylene glycol* \ *potassium*)

Numorphan [GT→] (*oxymorphone*)

Nupercainal [∅] (*dibucaine*)

Nuprin [2C8⇒, 2C9⇒, BO↓, GNT↑, NA↓, ST↓] (*ibuprofen*)

Nutropin [3A4↑] (*growth hormone, somatropin*)

Nydrazid [1A1↑, 2C9↓, 2E1→↓↑, 3A4→, MAO↓, NA→] (*isoniazid*)

nystatin [?] (Mycolog, Mycostatin, Nystop)

Nystop [?] (*nystatin*)

obesity [2E1↑, 3A4↑]

Ocean [Ø] (**saline nasal spray**)

ochratoxin A [2C9→, GNT→]

octreotide [?] (Sandostatin)

Ocuflox [1A2→↓] (**ofloxacin**)

Ocuhist [2D6→↓, 3A4→, ST→↓] (**naphazoline \pheniramine**)

Ocupress [2D6→](**carteolol**)

ofloxacin [1A2→↓] (Floxin, Ocuflox)

Ogen [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estropipate**)

olanzapine [1A2→, 2C9→↓, 2C19→↓, 2D6→↓, 3A4↓, GT→] (Zyprexa)

Olean [Ø] (**olestra**)

olestra [Ø] (Olean)

olopatadine [?] (Patanol)

olpadronate [?]

olsalazine [EU] (Dipentum)

oltipraz [GNT↑, GT↑, QO↑]

omega-3-fatty acids [?] (Promega)

omeprazole [1A1↑, 1A2→↓↑, 2C8→, 2C9⇒↓, 2C18→, 2C19→↓, 2D6↓, 3A4→↓, NA↑] (Prilosec)

Omnicef [EU] (**cefdinir**)

OmniHIB [Ø] (**hemophilus b vaccine**)

Omnipaque [Ø] (**iohexol**)

Omnipen [EU] (**ampicillin**)

Omniscan [EU] (**gadodiamide**)

Oncaspar [?] (**pegaspargase**)

Oncovin [3A4→↓] (**vincristine**)

ondansetron [1A1→, 1A2→, 2D6→, 2E1→, 3A4⇒↓, GNT↓] (Zofran)

onion [?]

Ontak [Ø] (**denileukin diftitox**)

Ophthaine [?] (**proparacaine**)

Ophthetic [?] (**proparacaine**)

opium [?] (B&O Suppettes)

oprelvekin [?] (Neumega)

Optimark [?] (**gadoversetamide**)

Optimine [?] (**azatadine**)

Optiray [Ø] (**ioversol**)

Optison [Ø] (**albumin**)

Optivar [1A1→, 1A2→, 2D6→, 3A4→] (**azelastine**)

Oralet [3A4→↓, GT→↓] (**fentanyl**)

Oramorph SR [1A2↑, 2B6↑, 2E1↑, GT→↓] (**morphine**)

Orap [1A2→, 2D6↓, 3A4→↓] (**pimozide**)

Orasone [2C19↑, 3A4→↓↑] (**prednisone**)

Oretic [EU] (**hydrochlorothiazide, HCTZ**)

Oreton [1B1→, 2B6→, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**methyltestosterone**)

Orgaran [?] (**danaparoid**)

Orimune [Ø] (**poliovirus vaccine**)

Orinase [2C8→↓, 2C9→↓, 2C19→, XO→] (**tolbutamide**)

Orlaam [3A4→] (**LAAM, levomethadyl**)

orlistat [Ø] (Xenical)

Ornade [1A2→, 2D6→↓, 3A4→, FMO?→, MAO→↓, ST→↓] (**chlorpheniramine \ phenylpropanolamine**)

Oroxine [2E1↑, 3A4→↓, GT→, ST→] (**T4, levothyroxine**)

orphenadrine [1A2↓, 2A6↓, 2B6→↓, 2C9↓, 2C19↓, 2D6↓, 2E1↓, 3A4↓] (Invagesic, Norflex, Norgestic, Orphengesic)

Orphengesic [1A2→↓, 1B1→, 2A6↓, 2B6→↓, 2C9↓, 2C19↓, 2D6↓, 2E1→↓, 3A4→↓, GNT↑, GT→↓, NA→, QO↑, XO→] (**aspirin \ caffeine \ orphenadrine**)

Ortho-Cept [1A1⇒↓, 1A2→↓, 1B1→, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ desogestrel**)

Ortho-Cyclen [1A1⇒↓, 1A2→↓, 1B1→, 2C9⇒↓, 2C19→↓↑, 3A4→↓↑, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norgestimate**)

Ortho Dienestrol [1A1⇒↓, 1A2→↓, 1B1→, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estrogen**)

Ortho-Est [1A1⇒↓, 1A2→↓, 1B1→, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estropipate**)

Ortho-Novum 1/35 [1A1⇒↓, 1A2→↓, 1B1→, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Ortho-Novum 1/50 [1A1⇒↓, 1A2→↓, 1B1→, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**mestranol \ norethindrone**)

Ortho-Novum 10/11 [1A1⇒↓, 1A2→↓, 1B1→, 2C9⇒↓, 2C19→↓↑, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ norethindrone**)

Ortho-Novum 7/7/7 [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norethindrone*)

Ortho-Prefest [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norgestimate*)

Ortho Tri-Cyclen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norgestimate*)

Orudis [GT⇒↓] (*ketoprofen*)

Oruvail [GT⇒↓] (*ketoprofen*)

Os-Cal [∅] (*calcium carbonate*)

oseltamivir [?] (Tamiflu)

Osmitol [∅] (*mannitol*)

Oticair [∅] (*neomycin \ polymyxin B*)

Otobiotic [2D6↑, 3A4⇒↓↑] (*hydrocortisone \ polymyxin B*)

Ovcon [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norethindrone*)

Ovidrel [?] (*gonadotropins, menotropin*)

Ovral [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (*ethinyl estradiol \ norgestrel*)

Ovrette [2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓↑] (*norgestrel*)

oxacillin [EU] (Bactocill)

oxaprozin [H?, GT→] (Daypro)

oxazepam [GT⇒↓] (Serax)

oxcarbazepine [GT→, ST→] (Trileptal)

oxiconazole [?] (Oxistat)

Oxistat [?] (*oxiconazole*)

oxonortriptyline [AKR→↓]

oxtriphylline [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (Choledyl)

oxybutynin [1A1↓, 1A2↓, 2A6↓, 2C9↓, 2D6↓, 2E1↓, 3A4⇒↓, 3A5⇒↓] (Ditropan)

oxycodone [1A2→, 2D6→, 3A4→, GT→] (OxyContin, Percocet, Percodan, Roxicet, Roxicodone, Tylox)

OxyContin [1A2→, 2D6→, 3A4→, GT→] (*oxycodone*)

oxymetazoline [?] (Afrin, Sinex)

oxymorphone [GT→] (Numorphan)

oxytocin [∅] (Pitocin, Syntocinon)

Pacerone [1A1→↓, 1A2→↓, 2A6↓, 2B6↓, 2C8→, 2C9↓, 2C19→↓, 2D6→↓, 3A4⇒↓] (*amiodarone*)

paclitaxel [2C8→↓, 3A4→↓] (Taxol)

palivizumab [?] (Synagis)

Pamelor [1A2→, 2C19→, 2D6→↓, 3A4→↓] (**nortryptiline**)

pamidronate [Ø] (Aredia)

Panadol [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen**)

Pancrease [Ø] (**pancrelipase**)

pancreatin [Ø] (Creon, Donnazyme, Entozyme)

pancrelipase [Ø] (Cotazym, Ku-Zyme, Pancrease, Viokase)

pancuronium [?] (Pavulon)

Pandel [2D6↑, 3A4→↓↑] (**hydrocortisone**)

Panretin [1A1→, 1A2→, 2C9→, 3A4→] (**alitretinoin**)

pantoprazole [1A2→, 2C9→, 2C19→, 2D6→, 3A4→, ST→] (Protonix)

Paraflex [1A1→, 1A2→, 2E1→↓, GT→] (**chlorzoxazone**)

Parafon Forte [1A1→, 1A2→, 2E1→↓, GT→] (**chlorzoxazone**)

paraphenylenediamine [NA→] (**PPD**)

Paraplatin [EU] (**carboplatin**)

parathion [1A1→, 2B6→, 2C8→, 2D6→, 3A4→↓, 3A5→]

Paremyd [ST→] (**hydroxyamphetamine \ tropicamide**)

paricalcitol [?] (Zemplar)

Parlodel [3A4→↓] (**bromocriptine**)

Parnate [2A6→↓, 2C9↓, 2C19↓, 2E1↓, MAO↓, NA→] (**tranylcypromine**)

paromomycin [?]

paroxetine [1A2↓, 2C9↓, 2C19⇒↓, 2D6→↓, 3A4↓] (Paxil)

Patanol [?] (**olopatadine**)

Pavulon [?] (**pancuronium**)

Paxil [1A2↓, 2C9↓, 2C19⇒↓, 2D6→↓, 3A4↓] (**paroxetine**)

Paxipam [?] (**halazepam**)

PCBs [1A1↓↑, 1B1↓↑, GNT↑, GT↑] (**polychlorinated biphenyls**)

PCP [1A1→, 1A2→, 2A6→, 2D6↓, 3A4→↓] (**phencyclidine**)

p-dimethylaminoazobenzene [GNT↑]

PediaCare [MAO↓] (**pseudoephedrine**)

Pediapred [3A4→↓↑] (**prednisolone**)

Pediazole [1A2↓, 2C9↓, 2D6↓, 3A4→↓, NA→] (**erythromycin \ sulfisoxazole**)

PedvaxHIB [Ø] (**hemophilus b vaccine**)

pefloxacin [1A2→↓, 3A4→↓]

pegaspargase [?] (Oncaspar)

pemirolast [?] (Alamast)

pemoline [H?] (Cylert)

penbutolol [H?, GT→] (Levatol)

penyclovir [EU] (Denavir)

Penetrex [1A2→↓] (**enoxacin**)

penicillamine [?] (Cuprimine, Depen)

penicillin [EU] (Pen-Vee K, Veetids)

Penlac [GT→] (**ciclopirox**)

pennyroyal oil [1A2→, 2C19→, 2E1⇒]

Pentacarinat [H?] (**pentamidine**)

Pentam [H?] (**pentamidine**)

pentamidine [H?] (NebuPent, Pentacarinat, Pentam)

2-pentanone [?]

Pentasa [NA→] (**mesalamine 5- ASA**)

pentazocine [H?] (Talacen, Talwin, Talwin Compound, Talwin NX)

pentobarbital [2B6→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (Cafergot PB, Nembutal)

Pentolair [?] (**cyclopentolate**)

pentosan polysulfate [?] (Elmiron)

pentostatin [?] (Nipent)

Pentothal [H?] (**thiopental**)

pentoxifyllin [H?] (Trental)

Pen-Vee K [EU] (**penicillin**)

Pepcid [EU, NA↓↑] (**famotidine**)

peppermint [GT→]

PeptoBismol [?] (**bismuth subsalicylate**)

Percocet [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ oxycodone**)

Percodan [1A2→, 2D6→, 3A4→, GNT↑, GT→↓, QO↑] (*aspirin* \ *oxycodone*)

pergolide [2D6→↓, 3A4↓, ST→] (Permax)

Pergonal [?] (*gonadotropin, menotropin*)

Periactin [GT↓] (*cyproheptadine*)

Peri-Colace [?] (*casanthranol* \ *docusate*)

perillyl alcohol [AD→, GNT→, GT→]

perindopril [H?, GT→] (Aceon)

PerioChip [Ø] (*chlorhexidine gluconate*)

Periostat [3A4→] (*doxycycline*)

Permax [2D6→↓, 3A4↓, ST→] (*pergolide*)

permethrin [H?, 2B6↑] (Acticin, Elimite, Nix)

Permitil [1A2→, 2D6→↓, ST→] (*fluphenazine*)

perphenazine [2D6→↓] (Etrafon, Triavil, Trilafon)

Persantine [GT→] (*dipyridamole*)

Pertofane [1A2→, 2C18→, 2C19→, 2D6→↓] (*desipramine*)

PGE1 [BO→] (*misoprostol*, Arthotec, Cytotec)

PGE2 [Ø] (*dinoprostone*, Cervidil, Prepidil, Prostin)

Phazyme [Ø] (*simethicone*)

phenacetin [1A1→, 1A2→, 2A6→, 2C9→, 2C19→, 2D6→, 2E1→, 3A4→, GT→, ST→]

1,7-phenanthroline [GNT↑, GT↑]

phenazopyridine [H?, NA→] (Azo-Standard, Prodiur, Pyridium, Uristat, Urogesic)

phencyclidine [1A1→, 1A2→, 2A6→, 2D6↓, 3A4→↓] (*PCP*)

phenelzine [MAO→↓, NA→] (Nardil)

Phenergan [1A2→, 2D6→↓, FMO?→, GT↓, ST→] (*promethazine, DPT combination*)

Phenergan/Dextromethorphan [1A2→, 2D6→↓, 3A4→, FMO?→, GT↓, ST→] (*dextromethorphan* \ *promethazine*)

Phenergan VC [1A2→, 2D6→↓, FMO?→, GT↓, MAO→, ST→] (*phenylephrine* \ *promethazine*)

Phenergan VC w/codeine [1A2→, 2D6→↓, 3A4→, FMO?→, GT→↓, MAO→, ST→] (*codeine* \ *phenylephrine* \ *promethazine*)

pheniramine [2D6→↓, 3A4→, ST→↓] (Naphcon-A)

phenobarbital [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4→↑, EH↑, GNT↑, GT→↑, ST→] (Bellergal-S, Donnatal, Luminal, Solfoton)

phenol [2E1→↓]

phenolphthalein [GT→↓] (Ex-Lax)

phenothiazine [1A1↑, 2B6↑, 3A4↑]

phenoxaiodonium [XO↓]

phenoxybenzamine [?] (Dibenzylamine)

phensuximide [2C19→↓] (Milontin)

phentermine [H?, MAO-A↓] (Fastin, Ionamin)

phentolamine [?] (Regitine)

phenylephrine [MAO→] (Histussin HC, Mydrfrin, Neo-Synephrine, Phenergan VC, Phenergan VC w/codeine, Relief, Rynatan, Sinex)

phenylpropanolamine [1A2→, MAO→↓] (Acutrim, Contac, Dexatrim, Dimetapp, Dimetapp Allergy, Dimetapp Extentabs, Entex, Naldecon, Ornade, Propagest, Robitussin CF, Tavist-D, Triaminic)

phenyl salicylate [?] (Urised)

phenylthiourea [1A1↓, GNT↑]

phenytoin [1A2↑, 2C8→, 2C9→↓, 2C19⇒, 3A4→↑, 3A5→, 3A7→, EH→↑, GNT↑, GT↑] (Dilantin)

phorate [FMO?→]

PhosLo [∅] (**calcium acetate**)

phosphate [∅] (K-Phos, Neutra-Phos)

Phospholine Iodide [?] (**echothiophate**)

phosphorylated carbohydrates [∅] (Emetrol)

Photofrin [?] (**porfimer**)

physostigmine [?] (Antilirium)

phytonadione [?] (**vitamin K**, AquaMephyton, Mephyton)

Pilocar [2A6→↓, 3A4⇒↓] (**pilocarpine**)

pilocarpine [2A6→↓, 3A4⇒↓] (Betoptic Pilo, Isopto Carpine, Pilocar, Salagen)

pimozide [1A2⇒, 2D6↓, 3A4→↓] (Orap)

pindolol [2D6→↓, GT→, ST→] (Visken)

Pin-X [?] (**pyrantel**)

pioglitazone [H?, GT→, ST→] (Actos)

piperacillin [EU] (Pipracil, Zosyn)

piperonyl butoxide [1A2↑, 2B6→↓↑] (A-200, RID)

pipobroman [?] (Vercyte)

Pipracil [EU] (***piperacillin***)

pirbuterol [ST→] (Maxair)

piroxicam [2C9→↓, GNT↑] (Feldene)

Pitocin [Ø] (***oxytocin***)

Pitressin [Ø] (***ADH, vasopressin***)

Plan-B [2C9⇒↓, 2C19→↓, 3A4→↓↑] (***levonorgestrel***)

Plaquenil [?] (***hydroxychloroquine***)

plasma protein fraction [?] (Plasmanate)

Plasmanate [?] (***plasma protein fraction***)

Platinol [GNT→] (***cisplatin***)

Plavix [1A2→, 2C?↓] (***clopidogrel***)

Plendil [3A4→] (***felodipine***)

Pletal [1A2→, 2C19→, 2D6→, 3A4→, GT→](***cilostazol***)

plicamycin [EU] ***mithramycin***, Mithracin)

pneumococcal vaccine [Ø] (Pneumovax, Prevnar)

Pneumovax [Ø] (***pneumococcal vaccine***)

Podocon [?] (***podophyllin***)

podofilox [3A4→] (Condylox)

Podofin [?] (***podophyllin***)

podophyllin [?] (Podocon, Podofin)

Poliovax [Ø] (***poliovirus vaccine***)

poliovirus vaccine [Ø] (IPOL, Orimune, Poliovax)

polycarbophil [Ø] (FiberCon, Fiberall)

polychlorinated biphenyls [1A1↓↑, 1B1↓↑, GNT↑, GT↑] (PCBs)

Polycitra-K [?] (***citric acid \ potassium***)

polycyclic aromatic hydrocarbons [1A1↓, 1A2→↓, 1B1↓, NA→]

polyethylene glycol [Ø] (CoLyte, GoLyte, Nulytely, MiraLax)

polymixin B [?] (Cortisporin, Neosporin, Oticair, Otobiotic, Polysporin, Polytrim, Statrol)

Polymox [EU] (***amoxicillin***)

Polysporin [Ø] (***bacitracin \ polymixin***)

Polytar [Ø] (***coal tar***)

polythiazide [?] (Minizide)

Polytrim [2C8→, 2C9→↓] (**polymixin\ trimethoprim**)

Pondimin [1A2⇒, 2D6→↓] (**fenfluramine**)

Ponstel [2C9→, GT→] (**mefenamic acid**)

Pontocaine [?] (**tetracaine**)

poractant [?] (Curosurf)

porfimer [?] (Photofrin)

Posicor [1A2↓, 2D6↓, 3A4→↓] (**mibefradil**)

potassium [Ø] (Cena-K, Ciel, Kaochlor, Kaon-Cl, Kato, Kay Ciel, K-Lor, Klor-Con, Klorvess, Klotrix, K-Dur, K-Lyte-Cl, K-Tab, Micro-K, Nulytely, Polycitra-K, Slow-K, Ten-K, Urocit-K)

PPD [NA→] (**paraphenylenediamine**)

pralidoxime [?] (Protopam)

pramipexole [EU, 2D6↓] (Mirapex)

pramoxine [?] (Anusol, Anusol HC)

Prandin [3A4→, GT→] (**repaglinide**)

pranidipine [1A1→, 1A2→, 2D6→, 3A4→]

pranlukast [?] (Ultair)

Pravachol [2C9↓, 2D6↓, 3A4→↓, BO→, ST→] (**pravastatin**)

pravastatin [2C9↓, 2D6↓, 3A4→↓, BO→, ST→] (Pravachol)

prazepam [?] (Centrax)

praziquantel [2B6→↓, 3A4→↓] (Biltricide)

prazosin [H?] (Minipress, Minizide)

Precose [Ø] (**acarbose**)

Pred Forte [3A4→↓↑] (**prednisolone**)

Pred Mild [3A4→↓↑] (**prednisolone**)

prednicarbate [?] (Dermatop)

prednisolone [3A4→↓↑] (AK-Pred, Pediapred, Pred Forte, Pred Mild, Prelone, Sulster)

prednisone [2C19↑, 3A4→↓↑] (Deltasone, Orasone, Liquid Pred, Sterapred)

Prelay [1A1→, 2C8→, 2C19→, 3A4→↑, GT→, ST→] (**troglitazone**)

Prelone [3A4→↓↑] (**prednisolone**)

Premarin [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estrogen**)

Premphase [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9⇒↓, 2C19→↓, 3A4→↓↑, 3A5→↓, GT→, ST→] (**estrogen **

medroxyprogesterone)

Prempro [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**estrogen \ medroxyprogesterone**)

Pre-Pen [Ø] (**benzylpenicilloyl polylysine**)

Prepidil [Ø] (**dinoprostone, PGE2**)

Pretz [Ø] (**saline nasal spray**)

Prevacid [1A2↑, 2C19⇒↓, 2D6↓, 3A4⇒, NA↑] (**lansoprazole**)

Prevalite [Ø] (**cholestyramine**)

Preven [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol \ levonorgestrel**)

Pevnar [Ø] (**pneumococcal vaccine**)

Prevpac [1A2↑, 2C19⇒↓, 2D6↓, 3A4⇒↓, NA↑] (**amoxicillin \ clarithromycin \ lansoprazole**)

Priftin [3A4⇒↑] (**rifapentine**)

prilocaine [H?, MK] (EMLA Cream)

Prilosec [1A1↑, 1A2⇒↑, 2C8→, 2C9⇒↓, 2C18→, 2C19⇒↓, 2D6↓, 3A4⇒↓, NA↑] (**omeprazole**)

Primacor [GNT↓, GT⇒] (**milrinone**)

primaquine [1A1↑, 2D6↓, 3A4⇒↓]

Primaxin [MK] (**cilastatin \ imipenem**)

Primestrin [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estrone**)

primidone [1A2↑, 2A6↑, 2B6⇒↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GNT↑, GT⇒↑, ST→](Mysoline)

Principen [EU] (**ampicillin**)

Prinivil [EU] (**lisinopril**)

Prinzide [EU] (**HCTZ \ lisinopril**)

Priscoline [2D6⇒↓] (**tolazoline**)

ProAmatine [?] (**midodrine**)

Pro-Banthine [H?, GT→] (**propantheline**)

probenecid [H?, 2C9↓, 2C19↓, GT⇒↓] (Benemid)

procainamide [2D6⇒, NA⇒] (Procanbid, Procan SR, Pronestyl)

procaine [MB] (Bicillin CR, Novocain)

procaine penicillin [MB] (Wycillin)

Procan SR [2D6⇒, NA⇒] (**procainamide**)

Procanbid [2D6⇒, NA⇒] (**procainamide**)

procarbazine [1A2→, 2B6→] (Matulane)

Procardia [3A4→↓] (**nifedipine**)

prochlorperazine [?](Compazine)

Procrit [Ø] (**epoetin alfa, erythropoietin**)

procyclidine [H?] (Kemadrin)

Prodiem [H?, NA→] (**phenazopyridine**)

Prodrox [2C9↓, 2C19↓] (**hydroxyprogesterone**)

Progestaject [2C9⇒↓, 2C19→↓, 3A4→↓↑] (**progesterone**)

progesterone [2C9⇒↓, 2C19→↓, 3A4→↓↑] (Crinone, Progestaject, Prometrium)

Proglycem [?] (**diazoxide**)

Prograf [2D6→, 3A4→, GT↓] (**tacrolimus**)

proguanil [2C19→] (Melarone)

ProHIBiT [Ø] (**hemophilus b vaccine**)

Proleukin [1A2↓, 2C?↓, 2E1↓, 3A4↓] (**aldesleukin, interleukin-2**)

Prolixin [1A2→, 2D6→↓, ST→] (**fluphenazine**)

Propoprim [2C8→, 2C9→↓] (**trimethoprim**)

promazine [1A1↓↑, 1A2→↓↑, 2B6↓↑] (Sparine)

Promega [?] (**omega-3-fatty acids**)

Prometa [ST→] (**metaproterenol**)

promethazine [1A2→, 2D6→↓, FMO?→, GT↓, ST→] (Phenergan)

Prometrium [2C9⇒↓, 2C19→↓, 3A4→↓↑] (**progesterone**)

Pronestyl [2D6→, NA⇒] (**procainamide**)

propafenone [1A2→, 2D6→↓, 3A4→, GT→, ST→] (Rythmol)

Propagest [1A2→, MAO→↓] (**phenylpropanolamine**)

propane [?]

propantheline [H?, GT→] (Pro-Banthine)

proparacaine [?] (Ophthaine, Ophthetic)

Propecia [3A4→, GNT↑] (**finasteride**)

Propine [MAO→] (**dipivefrin**)

propofol [1A1↓, 1A2⇒↓, 2A6⇒, 2B6↓, 2C8⇒, 2C9→↓, 2C18⇒, 2C19⇒, 2D6↓, 2E1↓, 3A4↓, GT→↓] (Diprivan)

propoxyphene [2C9→↓, 2D6→↓] (Darvocet, Darvon, Darvon Compound, Wygesic)

propranolol [1A1⇒, 1A2⇒, 2C19→, 2D6⇒↓, 3A4→, GT⇒] (Inderal, Inderide LA)

Propulsid [1A2→, 2B6→, 2C8⇒, 2C19→, 2D6↓, 3A4⇒] (**cisapride**)

propylene glycol [?] (Vosol otic)

propylthiouracil [H?, 2E1↓, GNT↑] (**PTU**, Propyl-Thyracil)

Propyl-Thyracil [H?, 2E1↓, GNT↑] (**propylthiouracil, PTU**)

Proscar [3A4⇒, GNT↑] (**finasteride**)

Prosom [3A4⇒, GT⇒] (**estazolam**)

Pro-span [2C9↓, 2C19↓] (**hydroxyprogesterone**)

Prostep [1A1→↑, 1A2→↑, 2A6⇒↓↑, 2B6⇒↑, 2C8→, 2C9→, 2C19→, 2D6⇒, 2E1→↑, 3A4→, FMO3⇒, GT⇒](**nicotine**)

Prostigmin [?] (**neostigmine**)

Prostin [Ø] (**dinoprostone, PGE2**)

protamine [?]

Protonix [1A2→, 2C9→, 2C19⇒, 2D6→, 3A4⇒, ST⇒] (**pantoprazole**)

Protopam [?] (**pralidoxime**)

protriptyline [1A2→, 2C19→, 3A4⇒↓] (Vivactil)

Protropin [3A4↑] (**growth hormone, somatropin**)

Proventil [?] (**albuterol**)

Provera [2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑] (**medroxyprogesterone**)

Provigil [1A2↑, 2B6↑, 2C9↓, 2C19↓, 3A4→↑] (**modafinil**)

Provocholine [?] (**methacholine**)

Prozac [1A2→↓, 2B6→, 2C9⇒↓, 2C19⇒↓, 2D6⇒↓, 3A4⇒↓, 3A5→] (**fluoxetine**)

pseudoephedrine [H?, MAO↓] (Actifed, Afrin, Aleve Cold & Sinus, Allegra-D, Allercon, Claritin-D, Deconamine, Deconsal II, Drixoral, Duratuss, Efidac, Histussin D, PediaCare, Robitussin DAC, Robitussin PE, Rondec, Seldane-D, Sudafed, Triacin-C, Trinaline)

psilocybin [?]

Psorcon [2D6↑, 3A4⇒↓↑] (**diflorasone diacetate**)

psyllium [Ø] (Fiberall, Hydrocil, Metamucil)

PTU [H?, 2E1↓, GNT↑] (**propylthiouracil**, Propyl-Thyracil)

Pulmicort [3A4⇒↓▼] (**budesonide**)

Pulmozyme [Ø] (**dornase alfa**)

Purge [Ø] (**castor oil**)

Purinethol [MT⇒, XO⇒] (**mercaptapurine**)

Purinol [XO↓] (**allopurinol**)

pygeum [?]

pyrantel [?] (Antiminth, Pin-X)

pyrazinamide [XO→] (Rifater)

pyrazole [2E1↑]

pyrethrins [?] (A-200, RID)

Pyridium [H?, NA→] (**phenazopyridine**)

pyridostigmine [?] (Mestinon)

pyridoxine [H?] (**vitamin B6**)

pyrimethamine [?] (Daraprim)

Pytest [Ø] (**urea C-14**)

Quadramet [Ø] (**samarium sm 153**)

quazepam [H?, GT→] (Doral)

Quelicin [PC→] (**succinylcholine**)

quercetin [1A1↓↑, 2C8↓, GNT↓, GT→↑, ST↓]

Questran [Ø] (**cholestyramine**)

quetiapine [3A4→] (Seroquel)

Quinaglute [1A2↓, 2D6→↓, 3A4→↓↑] (**quinidine gluconate**)

Quinalan [1A2↓, 2D6→↓, 3A4→↓↑] (**quinidine gluconate**)

Quinamm [2C19→, 2D6→↓, 3A4→↓] (**quinine**)

quinapril [3A4→, GNT→] (Accupril, Accuretic)

quinestrol [1A1⇒, 1A2→, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (Estrovis)

Quinidex [1A2↓, 2D6→↓, 3A4→↓↑] (**quinidine sulfate**)

quinidine gluconate [1A2↓, 2D6→↓, 3A4→↓↑] (Quinaglute, Quinalan)

quinidine polygalacturonate [?] (Cardioquin)

quinidine sulfate [1A2↓, 2D6→↓, 3A4→↓↑] (Quinidex, Quinora)

quinine [2C19→, 2D6→↓, 3A4→↓] (Quinamm)

Quinora [1A2↓, 2D6→↓, 3A4→↓↑] (**quinidine sulfate**)

quinupristin [3A4↓, CT→, GNT→] (Synercid)

Quixen [1A2→↓] (**levofloxacin**)

RabAvert [Ø] (**rabies vaccine**)

rabeprazole [1A1↑, 2C19→↓, 3A4→↓, GT→] (Aciphex)

rabies immune globulin [Ø] (Hyperab, Imogam)

rabies vaccine [Ø] (Imovax, RabAvert)

raloxifene [GT→] (Evista)

ramipril [3A4→, GT→] (Altace)

ranitidine [1A2↓, 2D6↓, 3A4↓, FMO3→, NA↓] (Tritec, Zantac)

rapacuronium [?] (Raplon)

Rapamune [3A4→↓, 3A5→↓] (**rapamycin, sirolimus**)

rapamycin [3A4→↓, 3A5→↓] (**sirolimus**, Rapamune)

Raplon [?] (**rapacuronium**)

rasagiline [MAO-B↓]

Raxar [1A2→↓, 3A4→↓, GT→▼, ST→↓] (**grepafloxacin**)

Rebetol [?] (**ribavirin**, Rebetron)

Rebetron [1A1↓, 1A2↓, 2B6↓, 3A4↓] (**interferon alpha-2b \ ribavirin**)

Recombivax HB [Ø] (**hepatitis B vaccine**)

Redux [1A2→, 2D6→↓] (**dexfenfluramine**)

red wine [1A1↓, 1A2↓]

Refludan [?] (**lepirudin**)

Regitine [?] (**phentolamine**)

Reglan [H?, GT→] (**metoclopramide**)

Regranex [Ø] (**becaplermin**)

Rela [H?] (**carisoprodol**)

Relafen [H?] (**nabumetone**)

Relenza [?] (**zanamivir**)

Relief [MAO→] (**phenylephrine**)

Relisorm [?] (**gonadorelin**)

Relpax [2A6↑, 3A4↑] (**eletriptan**)

Remeron [1A2→↓, 2D6→↓, 3A4→↓, GT→] (**mirtazapine**)

Remicade [?] (**infliximab**)

remifentanil [MB] (Ultiva)

Renagel [?] (**sevelamer**)

Renografin [?] (**diatrizoate**)

Renova [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (**tretinoin**)

ReoPro [Ø] (**abciximab**)

repaglinide [3A4→, GT→] (Prandin)

Repronal [?] (**gonadotropins, menotropin**)

Repronex [?] (**gonadotropins, menotropin**)

Requip [1A2→↓, 2D6↓, 3A4→] (**ropinirole**)

Rescriptor [2C9↓, 3A4→↓] (**delavirdine**)

Rescula [?] (**unoprostone**)

reserpine [3A4↑, 3A5↑] (Serpasil)

RespiGam [Ø] (**RSV immune globulin**)

Restoril [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19⇒↓, 3A4→↓, GT→] (**temazepam**)

resveratrol [1A1→↓, 1A2⇒↓]

reteplase [Ø] (Retavase)

Retavase [Ø] (**reteplase**)

retigabine [GT→]

Retin-A [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (**tretinoin**)

retinal [1A1→↓, 1A2→, 2C19→↓, 3A4→]

retinoic acid [1A1→↓, 1A2→, 1B1→, 2B6→↓, 2C8→↓, 2C19→↓, 2E1↑, 3A4→, GNT↓, AP↑, NA↑]

retinol [1A1→↓, 1A2↓, 2B6→↓, 2C8→↓, 2C19→↓, 2E1↑, 3A4→, NA↑]

retrorsine [1A1↑, 1A2↑, 2B6↑, 2E1↑]

Retrovir [2A6→, 2C9→, 2E1→, 3A4→, GT→] (**azidothymidine, AZT, zidovudine**)

Revex [GT→] (**nalmefene**)

ReVia [H?, GT→] (**naltrexone**)

Rezulin [1A1→, 2C8→, 2C19→, 3A4→↑, GT→, ST→] (**troglitazone**)

Rheomacrodex [Ø] (**dextran**)

Rheumatrex [AO→, XO⇒] (**methotrexate**)

Rhinocort [3A4→↓] (**budesonide**)

RHO immune globulin [Ø] (MICRhoGAM, RhoGAM)

RhoGAM [Ø] (**RHO immune globulin**)

ribavirin [?] (Rebetol, Rebetron, Virazole)

riboflavin [?] (**vitamin B2**)

RID [1A2↑, 2B6→↓↑] (**piperonyl butoxide \ pyrethrins**)

Ridaura [Ø] (**auranofin**)

rifabutin [1A2↑, 3A4→↓↑] (Mycobutin)

Rifadin [1A2↑, 2A6↑, 2B6↑, 2C9↑, 2C18↑, 2C19↑, 2D6↑, 3A4→↓▲] (**rifampin**)

Rifamate [1A1↑, 1A2↑, 2A6↑, 2B6↑, 2C9↓↑, 2C18↑, 2C19↑, 2D6↑, 2E1→↓↑, 3A4→↓↑, MAO↓, NA→] (**isoniazid \ rifampin**)

rifampin [1A2↑, 2A6↑, 2B6↑, 2C9↑, 2C18↑, 2C19↑, 2D6↑, 3A4→↓↑] (Rifadin, Rifamate, Rifater, Rimactane)

rifapentine [3A4→↑] (Priftin)

Rifater [1A1↑, 1A2↑, 2A6↑, 2B6↑, 2C9↓↑, 2C18↑, 2C19↑, 2D6↑, 2E1→↓↑, 3A4→↓↑, MAO↓, NA→, XO→] (**isoniazid \ pyrazinamide \ rifampin**)

Rilutek [1A1→, 1A2→↓, GT→] (**riluzole**)

riluzole [1A1→, 1A2→↓, GT→] (Rilutek)

Rimactane [1A2↑, 2A6↑, 2B6↑, 2C9↑, 2C18↑, 2C19↑, 2D6↑, 3A4→↓↑] (**rifampin**)

rimantadine [?] (Flumadine)

rimexolone [3A4→↓] (Vexol)

Riopan [?] (**magaldrate**)

risedronate [?] (Actonel)

Risperdal [2D6→↓, 3A4→, 3A5⇒] (**risperidone**)

risperidone [2D6→↓, 3A4→, 3A5⇒] (Risperdal)

Ritalin [2D6→↓] (**methylphenidate**)

ritodrine [GT→, ST→] (Yutopar)

ritonavir [1A2↑, 2C9→↓↑, 2C19→↓↑, 2D6⇒↓, 3A4→↓↑, GT↑] (Norvir)

Rituxan [?] (**rituximab**)

rituximab [?] (Rituxan)

rivastigmine [PC→↓, ST→] (Exelon)

rizatriptan [2D6→↓, MAO-A→, ST→] (Maxalt)

Robaxin [?] (**methocarbamol**)

Robaxisal [GNT↑, GT→↓, QO↑] (**aspirin \ methocarbamol**)

Robinul [GT→, ST→] (**glycopyrrolate**)

Robitussin [?] (*guaifenesin*)

Robitussin AC [1A2→, 2D6→, 3A4→, GT→] (*codeine \ guaifenesin*)

Robitussin CF [1A2→, 2D6→↓, 3A4→, MAO→↓] (*dextromethorphan \ guaifenesin \ phenylpropanolamine*)

Robitussin DAC [1A2→, 2D6→, 3A4→, GT→, MAO↓] (*codeine \ guaifenesin \ pseudoephedrine*)

Robitussin DM [2D6→↓, 3A4→] (*dextromethorphan \ guaifenesin*)

Robitussin PE [MAO↓] (*guaifenesin \ pseudoephedrine*)

roboxetine [2D6→↓, 3A4→↓, GT→, ST→] (Vestra)

Rocaltrol [3A4→] (*calcitriol, vitamin D*)

Rocephin [EU] (*ceftriaxone*)

rocuronium [H?] (Zemuron)

rofecoxib [?] (Vioxx)

Roferon-A [1A1↓, 1A2↓, 2B6↓, 3A4↓] (*interferon alpha-2a*)

Rogaine [ST→] (*minoxidil*)

Roloids [Ø] (*calcium carbonate*)

Romazicon [AD→↓, GT→] (*flumazenil*)

Rondec [MAO↓] (*carbinoxamine \ pseudoephedrine*)

Rondec DM [2D6→↓, 3A4→, MAO↓] (*carbinoxamine \ dextromethorphan \ pseudoephedrine*)

ropinirole [1A2→↓, 2D6↓, 3A4→] (Requip)

ropivacaine [1A2→, 3A4→] (NAROPIN™)

rosemary [GNT↑, QO↑]

rosiglitazone [2C8→, 2C9→, GT→, ST→] (Avandia)

Rotashield [?] (*rotavirus vaccine*)

rotavirus vaccine [?] (Rotashield)

Rowasa [NA→] (*mesalamine 5-ASA*)

Roxanol [1A2↑, 2B6↑, 2E1↑, GT→↓] (*morphine*)

Roxicet [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (*acetaminophen \ oxycodone*)

Roxicodone [1A2→, 2D6→, 3A4→, GT→] (*oxycodone*)

RSV immune globulin [Ø] (RespiGam)

RU486 [2B6→↓, 2D6→↓, 3A4→↓] (*mifepristone*)

Rubex [2D6↓, 3A4→↓, AKR→, GNT→] (*doxorubicin*)

Rufen [2C8→, 2C9→, BO↓, GNT↑, NA↓, ST↓] (*ibuprofen*)

Rynatan [2D6→↓, 3A4→, FMO?→, MAO→, ST→↓] (*chlorpheniramine* \ *phenylephrine* \ *pyrilamine*)

Rythmol [1A2→, 2D6→↓, 3A4→, GT→, ST→] (*propafenone*)

S-2 [COMT→, MAO→] (*epinephrine*)

Sabril [EU] (*vigabatrin*)

sacrosidase [Ø] (Sucraid)

s-adenosyl-methionine [GNT↑]

Saizen [3A4↑] (*growth hormone, somatropin*)

Salagen [2A6→↓, 3A4⇒↓] (*pilocarpine*)

Salflex [GT→] (*salsalate*)

salicylate [GT→] (Trilisate)

saline nasal spray [Ø] (NaSal, Ocean, Pretz, SeaMist)

salmeterol [2E1→, 3A4→] (Serevent)

salsalate [GT→] (Disalcid, Salflex)

samarium sm 153 [Ø] (Quadramet)

Sandimmune [2C8↓, 3A4→↓] (*cyclosporine*)

Sandoglobulin [?] (*immune globulin*)

Sandostatin [?] (*octreotide*)

SangCYA [2C8↓, 3A4→↓] (*cyclosporine*)

Sanorex [?] (*mazindol*)

Sansert [?] (*methysergide*)

saquinavir [2C9↓, 2C19↓, 2D6⇒↓, 3A4→↓] (Fortovase, Invirase)

Sarafem [1A2→↓, 2B6→, 2C9→↓, 2C19⇒↓, 2D6→↓, 3A4⇒↓, 3A5→] (*fluoxetine*)

sargramostim [Ø] (*GM-CSF*, Leukine)

saw palmetto [?]

schizonepeta spica [?]

scopolamine [?] (Donnagel, Transderm Scop)

SeaMist [Ø] (**saline nasal spray**)

secobarbital [2B6→↑, 2C9→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (Seconal, Tuinal)

Seconal [2B6→↑, 2C9→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (**secobarbital**)

Sectral [H?] (*acebutolol*)

Seldane [2D6→, 3A4→↓] (*terfenadine*)

Seldane-D [2D6→, 3A4→↓, MAO↓] (*pseudoephedrine* \ *terfenadine*)

selegiline [2B6→, 2D6→, 2E1→, MAO-A↓, MAO-B↓] (Atapryl, Carbox, Deprenyl, Eldepryl)

selenium sulfide [Ø] (Exsel, Selsun)

Selsun [Ø] (**selenium sulfide**)

senna [Ø] (Senokot)

Senokot [Ø] (**senna**)

Septra [2B6→, 2C9→↓, 3A4→, NA→] (*cotrimoxazole*, *trimethoprim* \ *sulfamethoxazole*)

Serax [GT→↓] (**oxazepam**)

Serentil [?] (**mesoridazine**)

Serevent [2E1→, 3A4→] (**salmeterol**)

Serlect [2D6→↓, 3A4→↓] (**sertindole**)

sermorelin [?] (Geref)

Serophene [ST↓] (**clomiphene**)

Seroquel [3A4→] (**quetiapine**)

Serostim [3A4↑] (**growth hormone**, **somatropin**)

Serpasil [3A4↑, 3A5↑] (**reserpine**)

sertindole [2D6→↓, 3A4→↓] (Serlect)

sertraline [1A2↓, 2C9→↓, 2C19→↓, 2D6→↓, 3A4→↓] (Zoloft)

Serzone [1A2↓, 2D6→↓, 3A4→↓] (**nefazodone**)

sevelamer [?] (Renagel)

sevoflurane [2E1→↓, GT→] (Ultane)

sibutramine [3A4→] (Meridia)

sildenafil [2C9→, 2C19→, 2D6→, 3A4→↓] (Viagra)

silicone oil [Ø] (Adatomed)

Silvadene [GT→, NA→] (**silver sulfadiazine**)

silver sulfadiazine [GT→, NA→] (Silvadene)

simethicone [Ø] (Gas-X, Mylicon, Phazyme)

Simulect [?] (**basiliximab**)

simvastatin [2C9↓, 2D6↓, 3A4→↓, 3A5→↓] (Zocor)

Sinemet [MAO→] (**carbidopa** \ **levodopa**)

Sinemet CR [MAO→] (**carbidopa \ levodopa**)

Sinequan [1A2→, 2D6→↓, 3A4→, GT→] (**doxepin**)

Sinex [MAO→] (**oxymetazolin, phenylephrine**)

Singulair [2C9→, 3A4→] (**montelukast**)

sildenafil [3A4→↓, 3A5→↓] (**rapamycin, Rapamune**)

Skelaxin [?] (**metaxalone**)

Skelid [EU] (**tiludronate**)

Slo-bid [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

Slo-Phyllin [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

Slow-K [Ø] (**potassium**)

sodium bisphosphate [Ø] (Fleet enema)

sodium chromate [GNT→] (Chromitrope)

sodium polystyrene sulfonate [Ø] (Kayexalate)

sodium sulfacetamide [EU] (Klaron, Sulfacet-R)

sodium sulfate [Ø]

Solage [1A1→↓, 2C8→↓, 2C19→↓, 3A4→, GT→, ST→] (**mequinol \ tretinoin**)

Solaquin [2E1→↓, GNT→, GT→, QO↑] (**hydroquinone**)

Solfoton [1A2↑, 2A6↑, 2B6→↑, 2C8→, 2C9→, 2C18↑, 2C19→, 2D6↑, 3A4⇒↑, EH↑, GNT↑, GT⇒↑, ST→] (**phenobarbital**)

Solganal [Ø] (**aurothioglucose**)

SoluCortef [2D6↑, 3A4→↓↑] (**hydrocortisone**)

SoluMedrol [3A4→↓↑] (**methylprednisolone**)

Soma [H?] (**carisoprodol**)

Soma Compound [H?, GNT↑, GT→↓, QO↑] (**aspirin \ carisoprodol**)

Soma Compound w/Codeine [1A2→, 2D6→, 3A4→, GNT↑, GT→↓, QO↑] (**aspirin \ carisoprodol \ codeine**)

somatropin [3A4↑] (**growth hormone**, Genotropin, Humatrope, HumatroPen, Norditropin, Nutropin, Protropin, Saizen, Serostim)

Sonata [3A4⇒, AO→, GT→] (**zaleplon**)

sorbitol [Ø]

Sorbitrate [3A4→] (**isosorbide dinitrate**)

Soriatane [3A4→] (**acitretin**)

sotalol [EU] (Betapace)

sparfloxacin [GT→] (Zagam)

Sparine [1A1↓↑, 1A2→↓↑, 2B6↓↑] (**promazine**)

Spectazole [Ø] (**econazole**)

spectinomycin [EU] (Trobicin)

spironolactone [H?, ST↓] (Aldactazide, Aldactone)

Sporanox [3A4→↓, GNT↓] (**itraconazole**)

St. John's wort [3A4↓↑] (*hypericum*)

Stadol [H?] (**butorphanol**)

Staphcillin [EU] (**methicillin**)

staphylococcal enterotoxin B [1A1↓, 1A2↓, 2E1↓, 3A4↓]

Statrol [Ø] (**neomycin \polymyxin B**)

stavudine [EU] (**d4T**, Zerit)

Stelazine [H?] (**trifluoperazine**)

Sterapred [2C19↑, 3A4→↓↑] (**prednisone**)

Stilphostrol [1A1⇒, 1A2→, 2B6→, 3A4→, GT→, ST→] (**diethylstilbestrol, DES**)

Stimate [Ø] (**desmopressin**)

stiripentol [1A2↓, 2C9↓, 2C19↓, 2D6↓, 3A4↓]

stramonium [?]

Streptase [Ø] (**streptokinase**)

streptokinase [Ø] (Kabikinase, Streptase)

streptomycin [EU]

streptozocin [?] (Zanosar)

Stromectol [3A4→] (**ivermectin**)

strontium-89 [?] (Metastron)

styrene [2E1→, EH→↓]

Sublimaze [3A4→↓, GT→↓] (**fentanyl**)

succimer [?] (Chemet)

succinylcholine [PC→] (Anectine, Quelicin, Sucostrin)

Sucostrin [PC→] (**succinylcholine**)

Sucraid [Ø] (**sacrosidase**)

sucralfate [Ø] (Carafate)

Sudafed [MAO↓] (*pseudoephedrine*)

Sufenta [3A4→] (*sufentanil*)

sufentanil [3A4→] (Sufenta)

Sulamyd [GT→, NA→] (*sulfacetamide*)

Sular [3A4→] (*nisoldipine*)

sulbactam [EU] (Unasyn)

Sulf-10 [GT→, NA→] (*sulfacetamide*)

sulfacetamide [GT→, NA→] (Bleph-10, Isopto Cetamide, Sulamyd, Sulf-10, Sulster)

Sulfacet-R [EU] (*sodium sulfacetamide* \ *sulfur*)

sulfadiazine [2C9↓]

sulfamethizole [2C9↓]

sulfamethoxazole [2B6→, 2C8→, 2C9→↓, , 3A4→, NA→] (Bactrim, Cotrim, Gantanol, Septra, Sulfatrim)

Sulfamylon [?] (*mafenide*)

sulfaphenazole [2C9↓]

sulfasalazine [GNT→↓, GT→, NA→] (Azulfidine)

Sulfatrim [2B6→, 2C9→↓, 3A4→, NA→] (*cotrimoxazole*, *trimethoprim* \ *sulfamethoxazole*)

sulfapyrazone [2C?, 3A4↑, GT→] (Anturane)

sulfisoxazole [2C9↓, NA→] (Gantrisin, Pediazole)

sulforaphane [GNT↑, QO↑]

sulfur [Ø] (Sulfacet-R)

sulindac [FMO?→, GT→, GNT↑, QO↑] (Clinoril)

Sulster [GT→, NA→] (*prednisolone* \ *sulfacetamide*)

sumatriptan [MAO-A→] (Imigran, Imitrex)

Sumycin [3A4 →↓, GT→↓] (*tetracycline*)

Suprax [EU] (*cefixime*)

Surfak [Ø] (*docusate*)

Surmontil [2D6→, GT→] (*trimipramine*)

Survanta [Ø] (*beractant*)

Sus-Phrine [COMT→, MAO→] (*epinephrine*)

Sustiva [3A4↓↑, GNT⇒, GT⇒, ST⇒] (*efavirenz*)

Swim-Ear [?] (*isopropanol*)

Symmetrel [NA→] (**amantadine**)

Synacort [2D6↑, 3A4→↓↑] (**hydrocortisone**)

Synagis [?] (**palivizumab**)

Synalar [2D6↑, 3A4→↓↑] (**fluocinolone**)

Synarel [?] (**nafarelin**)

Synercid [3A4↓, CT→, GNT→] (**dalfopristin \ quinupristin**)

Synovir [Ø] (**thalidomide**)

Synthroid [2E1↑, 3A4→↓, GT→, ST→] (**levothyroxine**)

Syntocinon [Ø] (**oxytocin**)

T3 [2E1↑, 3A4→↓, GT→, ST→] (**liothyronine**, Cyronine, Cytomel, Euthroid, Thyrolar)

T4 [2E1↑, 3A4→↓, GT→, ST→] (**levothyroxine**, Eltroxin, Euthroid, Levothroid, Levoxine, Levoxyl, Oroxine, Synthroid, Thyrolar)

Tace [?] (**chlorotrianisene**)

tacrine [1A2→↓, GT→] (Cognex)

tacrolimus [2D6→, 3A4→, GT↓] (Prograf)

Tagamet [1A2↓, 2C19↓, 2D6↓, 3A4↓, AO↓, FMO3→, NA↓] (**cimetidine**)

Talacen [1A1→, 1A2→, 2A6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ pentazocine**)

Talwin [H?] (**pentazocine**)

Talwin Compound [GNT↑, GT→↓, QO↑] (**aspirin \ pentazocine**)

Talwin NX [GT→] (**naloxone \ pentazocine**)

Tambocor [2C9↓, 2D6→↓, 3A4→] (**flecainide**)

Tamiflu [?] (**oseltamivir**)

tamoxifen [1A1→, 1A2→, 2A6→, 2B6→↑, 2C8→, 2C9→↓↑, 2D6→, 2E1→↑, 3A4→↓↑, 3A5↑, EH↑, FMO?→, NA↓] (Nolvadex)

tamsulosin [2D6→, 3A4→] (Flomax)

tangeretin [GNT↑]

Tapazole [1A2↓, 2B6↓, 2C9↓, 2C19↓, 2D6↓, 3A4↓, FMO?→↓] (**methimazole**)

Taractan [?] (**chlorprothixene**)

Targretin [?] (**bexarotene**)

Tarka [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓, GT→] (**trandolapril \ verapamil**)

Tasmar [2A6→, 2C9↓, 3A4→, COMT→↓, GT→] (**tolcapone**)

tauromustine [2C19→, 2D6→, 3A4→]

Tavist [2D6→↓] (**clemastine**)

Tavist-D [1A2→, 2D6→↓, MAO→↓] (**clemastine \phenylpropanolamine**)

Taxol [2C8→↓, 3A4→↓] (**paclitaxel**)

Taxotere [2C?→, 3A4→] (**docetaxel**)

tazarotene [?] (Tazorac)

Tazicef [EU] (**ceftazidime**)

Tazidime [EU] (**ceftazidime**)

tazobactam [?] (Zosyn)

Tazorac [?] (**tazarotene**)

3TC [EU] (**lamivudine**, Epivir)

Td [Ø] (**diphtheria-tetanus toxoid, DT**)

tea polyphenols [COMT→]

tea tree oil [?]

technetium tc-99m [?] (Miraluma, Neotect)

Teczem [2C8→, 2C9→, 3A4→↓, GNT→] (**diltiazem \enalapril**)

Tegison [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (**etretinate**)

Tegretol [1A2→↑, 2C8→, 2C19↑, 2D6↑, 3A4→↑, EH→↑, GT→↑] (**carbamazepine**)

Tegrin [Ø] (**coal tar**)

Tegrin-HC [2D6↑, 3A4→↓↑] (**coal tar \ hydrocortisone**)

telmisartan [GT→] (Micardis)

temazepam [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19⇒↓, 3A4→↓, GT→] (Restoril)

Temodar [?] (**temozolomide**)

Temovate [2D6↑, 3A4→↓↑] (**clobetasol**)

temozolomide [?] (Temodar)

Tempra [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen**)

tenecteplase [?] (TNKase)

Tenex [?] (**guanfacine**)

teniposide [2C9↓, 2C19→, 3A4→, 3A5→] (Vumon)

Ten-K [Ø] (**potassium**)

Tenoretic [EU] (**atenolol \ chlorthalidone**)

Tenormin [EU] (**atenolol**)

Tensilon [?] (**edrophonium**)

Tenuate [H?] (**diethylpropion**)

Tequin [EU] (**gatifloxacin**)

TER 117 [GNT↓]

Terazol [?] (**terconazole**)

terazosine [H?] (Hytrin)

terbinafine [H?, 2D6↓] (Lamisil)

terbutaline [ST→] (Brethaire, Brethine, Bricanyl)

terconazole [?] (Terazol)

terfenadine [2D6→, 3A4→↓] (Seldane, Seldane-D)

terpin hydrate [?]

4-tert-octylphenol [2C?↓, 3A4↓]

Tertroxin [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**liothyronine, T3**)

Teslascan [?] (**mangafodipir**)

Tessalon Perles [?] (**benzonatate**)

Testoderm [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (**testosterone**)

Testomet [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (**methyltestosterone**)

Testone [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (**testosterone**)

testosterone [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (Androderm, Androgel, Depotest, Testoderm, Testone)

Testred [1B1⇒, 2B6⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒, GT⇒, ST⇒↓] (**methyltestosterone**)

tetanus immune globulin [Ø] (Hyper-tet)

tetanus toxoid [Ø]

tetracaine [?] (Pontocaine)

tetracycline [3A4⇒↓, GT⇒↓] (Achromycin, Helidac, Sumycin)

tetrahydrocannabinol [1A1→, 1A2→, 2A6→, 2C8→, 2C9→, 3A4→, GT→] (**THC**)

Tetramune [Ø] (**DTwP\Hib**)

teucrin A [3A4→, EH→] (*germander*)

Teveten [GT→] (**eprosartan**)

thalidomide [Ø] (Synovir, Thalomid)

Thalitone [EU] (**chlorthalidone**)

Thalomid [Ø] (**thalidomide**)

THC [1A1→, 1A2→, 2A6→, 2C8→, 2C9→, 3A4→, GT→] (**tetrahydrocannabinol**)

Theo-24 [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

theobromine [1A2→, 2E1→]

Theo-Dur [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

theophylline [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (Elixophyllin, Slo-bid, Slo-Phyllin, Theo-24, Theo-Dur, Uni-Dur, Uniphyll)

TheraCys [?] (Bacillus of Calmette & Guerin, BCG)

thiabendazole [1A1↑, 1A2→, GT→, ST→] (Mintezol)

thiamine [Ø] (**vitamin B1**)

thiethylperazine [?] (Norzine, Torecan)

thiobenzamide [FMO?→]

thioguanine [?]

thiopental [H?] (Pentothal)

Thioplex [GNT→] (**thiotepa**)

thioridazine [1A2→, 2D6→↓, FMO?→] (Mellaril)

thiotepa [GNT→] (Thioplex)

thiothixene [2D6↓, QO↓] (Navane)

thonzium [Ø] (Coly-Mycin S, Cortisporin TC)

Thorazine [1A1↓↑, 1A2→↓↑, 2B6↓↑, 2D6→↓, 3A4↑, AO↓, FMO3↓, GT→↓, QO↓] (**chlorpromazine**, DPT combination)

Thyral [2E1↑, 3A4→↓, GT→, ST→] (**desiccated thyroid**)

Thyrel [?] (**thyrotropin**)

Thyro-Block [Ø] (**iodine**)

Thyrogen [?] (**thyrotropin**)

thyroid stimulating hormone [?] (Thytropar)

Thyroid Strong [2E1↑, 3A4→↓, GT→, ST→] (**desiccated thyroid**)

Thyroid USP [2E1↑, 3A4→↓, GT→, ST→] (**desiccated thyroid**)

Thyrolar [2E1↑, 3A4→↓, GT→, ST→] (**levothyroxine**)

thyrotropin [?] (Thyrel, Thyrogen)

thyroxine [2E1↑, 3A4→↓, GT→, ST→] (Eltroxin, Levothroid, Levoxine, Levoxyl, Synthroid, Thyrolar)

Thytropar [?] (**thyroid stimulating hormone**)

tiagabine [3A4→] (Gabitril)

Tiamate [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Tiazac [2C8→, 2C9→, 3A4→↓] (**diltiazem**)

Ticar [EU] (**ticarcillin**)

ticarcillin [EU] (Ticar, Timentin)

Ticlid [1A2↓, 2C9↓, 2C19↓, 2D6↓] (**ticlopidine**)

ticlopidine [1A2↓, 2C9↓, 2C19↓, 2D6↓] (Ticlid)

Tigan [H?] (**trimethobenzamide**)

Tikosyn [3A4→] (**dofetilide**)

Tilade [EU] (**nedocromil**)

tiludronate [EU] (Skelid)

Timentin [EU] (**clavulanic acid** \ **ticarcillin**)

Timolide [2D6→] (**HCTZ** \ **timolol**)

timolol [2D6→] (Blocadren, Corsopt, Timolide, Timoptic)

Timoptic [2D6→] (**timolol**)

Tinactin [?] (**tolnaftate**)

Tindal [?] (**acetophenazine**)

tinzaparin [Ø] (Innohep)

tioconazole [H?, GT→↑] (Vagistat)

tirapazamine [?]

tirofiban [Ø] (Aggrastat)

Titralac [Ø] (**calcium carbonate**)

tizanidine [?] (Zanaflex)

TNKase [?] (**tenecteplase**)

tobacco [1A1→↑, 1A2→↑, 2A6→↓↑, 2B6→↑, 2C8→, 2C9→, 2C19→, 2D6→, 2E1→↑, 3A4→, GT→]

tobacco smoke [1A1→↑, 1A2→↑, 2E1↑, 3A4↑, GNT→]

TOBI [?] (**tobramycin**)

TobraDex [2D6↑, 3A4→↓↑] (**dexamethasone** \ **tobramycin**)

tobramycin [?] (Nebcin, TOBI, Tobrex)

Tobrex [?] (**tobramycin**)

tocainide [1A2↓, GT→] (Tonocard)

tocopherol [?] (***vitamin E***)

Tofranil [1A2⇒, 2B6→, 2C8→, 2C18⇒, 2C19→, 2D6→↑, 3A4→↓, FMO3⇒↑, GT→↓] (***imipramine***)

tolazamide [?] (***Tolinase***)

tolazoline [2D6⇒↓] (***Priscoline***)

tolbutamide [2C8→↓, 2C9→↓, 2C19→, XO→] (***Orinase***)

tolecapone [2A6⇒, 2C9↓, 3A4⇒, COMT→↓, GT→] (***Tasmar***)

Tolectin [H?, GT→] (***tolmetin***)

Tolinase [?] (***tolazamide***)

tolmetin [H?, GT→] (***Tolectin***)

tolnaftate [?] (***Tinactin***)

tolterodine [2C9→, 2C19→, 2D6→, 3A4→] (***Detrol***)

toluene [2E1→↓↑]

Tonocard [1A2↓, GT→] (***tocainide***)

Topamax [EU, 2C19↓, 3A4↑, BO↑] (***topiramate***)

Topicort [2D6↑, 3A4→↓↑] (***desoximetasone***)

topiramate [EU, 2C19↓, 3A4↑, BO↑] (***Topamax***)

Toposar [1A2→, 2E1→, 3A4→↓, GNT→] (***etoposide, VP-16***)

topotecan [H?] (***Hycamtin***)

Toprol XL [2D6→↓] (***metoprolol***)

Toradol [GT→↓] (***ketorolac***)

Torecan[?] (***thiethylperazine***)

toremifene [1A2→, 2E1↑, 3A4→↑] (***Fareston***)

Tornalate [GT→] (***bitolterol***)

torseamide [2C9→↓] (***Demadex***)

t-PA [Ø] (***alteplase, Activase***)

Tracrium [Ø] (***atracurium***)

tramadol [2D6→, 3A4→, GT⇒, ST⇒] (***Ultram***)

Trandate [GT→] (***labetalol***)

trandolapril [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓] (***Mavik, Tarka***)

Transderm Nitro [Ø] (***nitroglyceride***)

Transderm Scop [?] (**scopolamine**)

trans-stilbene oxide [GNT↑, QO↑]

Tranxene [3A4→] (**clorazepate**)

tranlycypromine [2A6→↓, 2C9↓, 2C19↓, 2E1↓, MAO↓, NA→] (Parnate)

trastuzumab [?] (Herceptin)

Trasylol [Ø] (**aprotinin**)

trazodone [3A4→, GT→] (Desyrel)

Trecator SC [?] (**ethionamide**)

Trelstar [?] (**triptorelin**)

Trental [H?] (**pentoxifyllin**)

tretinoin [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (Avita, Renova, Retin-A, Solage, Vesanoid)

triacetyloleandomycin [3A4↓]

Triacin-C [1A2→, 2D6→↓, 3A4→,GT→, MAO↓] (**codeine** \ **pseudoephedrine** \ **triprolidine**)

triamcinolone [3A4→↓↑] (Aristocort, Azmacort, Kenacort, Kenalog, Mycolog, Nasacort, Tri-Nasal)

Triaminic [1A2→, 2D6→↓, 3A4→, FMO?→, MAO→↓, ST→↓] (**chlorpheniramine** \ **phenylpropanolamine**)

Triaminic DM [1A2→, 2D6→↓, 3A4→, FMO?→, MAO→↓, ST→↓] (**chlorpheniramine** \ **dextromethorphan** \ **phenylpropanolamine**)

Triaminic Oral Infant Drops [1A2→, MAO→↓] (**phenylpropanolamine** \ **pyrilamine**)

triamterene [ST→] (Dyazide, Dyrenium, Maxzide)

Triavil [1A2→, 2C9⇒, 2C19→, 2D6→↓, 3A4⇒↓, GT→↓] (**amitriptyline** \ **perphenazine**)

triazolam [3A4→↓, GT→](Halcion)

trichloroethylene [2E1→↓↑]

Tricor [?] (**fenofibrate**)

Tridil [Ø] (**nitroglyceride**)

triethanolamine [?] (Cerumenex)

triethylene glycol [AD→] (*brake fluid*)

trifluoperazine [H?] (Stelazine)

triflupromazine [?] (Vesprin)

trifluridine [?] (Viroptic)

trihexyphenidyl [?] (Artane)

Trihibit [Ø] (**diphtheria-tetanus-acellular pertussis vaccine, DTaP** \ **haemophilis B vaccine**)

Trilafon [2D6→↓] (**perphenazine**)

Trileptal [GT→, ST→] (**oxcarbazepine**)

Tri-Levlen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol\ levonorgestrel**)

Trilisate [GT→] (**salicylate**)

trimethadione [2E1→]

trimethobenzamide [?] (Tigan)

trimethoprim [2C8→, C9→↓] (Bactrim, Cotrim, Proloprim, Septra, Sulfatrim)

trimethylamine [FMO3→]

trimetrexate [H?, GT→, ST→] (Neutrexin I)

trimipramine [2D6→, GT→] (Surmontil)

Trinalin [MAO↓] (**azatadine\ pseudoephedrine**)

Tri-Nasal [3A4⇒↓↑] (**triamcinolone**)

Tri-Norinyl [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓↑, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol\ norethindrone**)

Triostat [2E1↑, 3A4⇒↓, GT⇒, ST⇒] (**liothyronine, T3**)

Tripedia [∅] (**DTaP, diphtheria-tetanus-acellular pertussis vaccine**)

Triphasil [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol\ levonorgestrel**)

triprolidine [2D6⇒↓] (Actifed, Allercon, Triacin-C)

triptorelin [?] (Trelstar)

Tritec [1A2↓, 2D6↓, 3A4↓, FMO3→, NA↓] (**bismuth citrate \ ranitidine**)

Trivora [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓↑, 3A5⇒↓, GT→, ST→] (**ethinyl estradiol\ levonorgestrel**)

Trixenox [?] (**arsenic trioxide**)

Trobicin [EU] (**spectinomycin**)

trofosfamide [2B6→, 3A4→]

troglitazone [1A1→, 2C8→, 2C19→, 3A4→↑, GT→, ST→] (Prelay, Rezulin)

troleandomycin [3A4⇒↓]

tropicamide [?] (Mydriacyl, Paremyd)

trovafloxacin [GT→, NA→] (Trovan)

Trovan [GT⇒, NA→, ST→] (**alatrofloxacin\ trovafloxacin**)

Trusopt [EU] (**dorzolamide**)

tuberculin PPD [∅] (Tubersol)

Tubersol [Ø] (**tuberculin PPD**)

Tucks [?] (**witch hazel**)

Tuinal [2B6→↑, 2C9→↑, 2D6↑, 3A4⇒↑, GT⇒↑] (**amobarbital \ secobarbital**)

Tums [Ø] (**calcium carbonate**)

turmeric [?]

Tylenol [1A1→, 1A2→, 2A6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen**)

Tylenol w/Codeine [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→](**acetaminophen \ codeine**)

Tylox [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4⇒↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ oxycodone**)

tyramine [FMO3→]

Ultair [?] (**pranlukast**)

Ultane [2E1→↓, GT→] (**sevoflurane**)

Ultiva [MB] (**remifentanyl**)

Ultracef [EU] (**cefadroxil**)

Ultram [2D6→, 3A4→, GT⇒, ST⇒] (**tramadol**)

Ultravate [2D6↑, 3A4⇒↓↑] (**halobetasol**)

ultraviolet light [1A1↑, 1B1↑]

Ultravist [Ø] (**iopromide**)

Unasyn [EU] (**ampicillin \ sulbactam**)

Uni-Dur [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

Unipen [EU] (**nafcillin**)

Uniphyl [1A2→, 1B1→, 2E1→, 3A4→, GT→, XO→] (**theophylline**)

Uniretic [?] (**hydrochlorothiazide \ moexipril**)

Univasc [?] (**moexipril**)

unoprostone [?] (Rescula)

uracil mustard [?]

urea [Ø] (Helicosol)

urea C-14 [Ø] (Pytest)

Urecholine [?] (**bethanechol**)

Urex [MK] (**methenamine hippurate**)

Urised [?] (**atropine \ hyoscyamine \ methenamine \ phenyl salicylate**)

Urispas [?] (**flavoxate**)

Uristat [NA→] (**phenazopyridine**)

Urocit-K [?] (**citric acid \ potassium**)

urofollitropin [?] (Fertinex)

Urogesic [H?, NA→] (**phenazopyridine**)

urokinase [?] (Abbokinase)

Urolene Blue [?] (**methylene blue**)

Urso [?] (**ursodiol**)

ursodeoxycholic acid [GNT↑] (Actigall)

ursodiol [?] (Actigall, Urso)

Uvadex [1A2↓, 2A6→↓] (**methoxsalen**)

Vagifem [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estradiol**)

Vagistat [H?, GT→↑] (**tioconazole**)

valacyclovir [AD→, AO→] (Valtrex)

Valergen [1A1⇒↓, 1A2⇒↓, 1B1⇒, 2C9→, 2C19→, 3A4⇒↓, 3A5⇒↓, GT→, ST→] (**estradiol**)

valerian [?]

Valisone [2D6↑, 3A4⇒↓↑] (**betamethasone**)

Valium [2B6→, 2C8⇒↓, 2C9⇒↓, 2C19⇒↓, 3A4⇒↓, 3A5→] (**diazepam**)

valproic acid [2A6→↓, 2C9→↓, BO→, EH↓, GT→↓] (Depacon, Depakene, Depakote)

valrubicin [?] (Valstar)

valsartan [?] (Diovan, Diovan HCT, Valstar)

Valstar [?] (**valsartan**)

Valtrex [AD→, AO→] (**valacyclovir**)

Vancenase [2D6↑, 3A4⇒↓↑] (**beclomethasone**)

Vanceril [2D6↑, 3A4⇒↓↑] (**beclomethasone**)

Vancocin [EU] (**vancomycin**)

vancomycin [EU] (Vancocin)

Vaniqa [?] (**eflornithine**)

Vantin [EU] (**cefepodoxime**)

Vaponefrin [COMT→, MAO→] (**epinephrine**)

Vaqta [Ø] (**hepatitis A vaccine**)

varicella vaccine [Ø] (Varivax)

varicella-zoster immune globulin [Ø]

Varivax [Ø] (**varicella vaccine**)

Vascor [3A4→] (**bepiridil**)

Vaseretic [3A4→, GNT→] (**enalapril \HCTZ**)

Vasocon [?] (**naphazoline**)

vasopressin [Ø] (Pitressin)

Vasotec [3A4→, GNT→] (**enalapril**)

Vasotec IV [EU] (**enalaprilat**)

Vasoxyl [?] (**methoxamine**)

vecuronium [?] (Norcuron)

Veetids [EU] (**penicillin**)

Velban [2D6↓, 3A4→↓] (**VLB, vinblastine**)

Velosef [EU] (**cephradine**)

Velosulin [Ø] (**insulin**)

venlafaxine [1A2↓, 2C19↓, 2D6→↓, 3A4→↓] (Effexor)

Ventolin [?] (**albuterol**)

VePesid [1A2→, 2E1→, 3A4→↓, GNT→] (**etoposide, VP-16**)

verapamil [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓](Calan, Covera-HS, Isoptin, Tarka, Verelan)

Vercyte [?] (**pipobroman**)

Verelan [1A2→, 2C8→↓, 2D6→, 2E1→, 3A4→↓, 3A5→↓] (**verapamil**)

Vermox [H?] (**mebendazole**)

Versed [3A4→↓] (**midazolam**)

verteporfin [?] (Visudyne)

Vesanoid [1A1→↓, 2C8→↓, 2C19→↓, 3A4→] (**tretinoin**)

vesnarinone [2E1→, 3A4→]

Vesprin [?] (**triflupromazine**)

Vestra [2D6→↓, 3A4→↓, GT→, ST→] (**reboxetine**)

Vexol [3A4→↓] (**rimexolone**)

Viadur [Ø] (**leuprolide**)

Viagra [2C9→, 2C19→, 2D6→, 3A4→↓] (**sildenafil**)

Vibramycin [3A4→↓] (**doxycycline**)

Vick's [2D6→↓, 3A4→] (**dextromethorphan**)

Vicodin [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ hydrocodone**)

Vicoprofen [2C8→, 2C9→, 2D6→, 3A4→, BO↓, GNT↑, GT→, NA↓, ST↓] (**hydrocodone \ ibuprofen**)

vidarabine [?] (Vira-A)

Videx [EU] (**ddl, didanosine**)

vigabatrin [EU] (Sabril)

vinblastine [2D6↓, 3A4→↓] (**VLB, Velban**)

Vincasar [3A4→↓] (**vincristine**)

vincristine [3A4→↓] (Oncovin, Vincasar)

vinorelbine [H?, 2D6↓] (Navelbine)

vinyl chloride [2E1→]

Viokase [Ø] (**pancrelipase**)

Vioxx [?] (**rofecoxib**)

Vira-A [?] (**vidarabine**)

Viracept [1A2→↓, 2C19→↓, 2D6⇒↓, 3A4→↓, GT↑] (**nelfinavir**)

Viramune [3A4→↑, GT→] (**nevirapine**)

Virazole [?] (**ribavirin**)

Virilon [1B1→, 2B6⇒, 2C9⇒↓, 2C19→↓, 3A4→, GT→, ST→↓] (**methyltestosterone**)

Viroptic [?] (**trifluridine**)

Visipaque [Ø] (**iodixanol**)

Visken [2D6→↓, GT→, ST→] (**pindolol**)

Vistaril [2D6→↓, GT→↓] (**hydroxyzine**)

Vistide [EU] (**cidofovir**)

Visudyne [?] (**verteporfin**)

vitamin B1 [Ø] (**thiamine**)

vitamin B2 [?] (**riboflavin**)

vitamin B3 [H?] (**niacin, nicotinic acid**, Niaspan)

vitamin B6 [H?] (**pyridoxine**)

vitamin B12 [2C19→] (**cyanocobalamin**, Nascobal)

vitamin C [NA↓] (**ascorbic acid**)

vitamin D [3A4→] (**calcitriol**, Calcijex, Rocaltrol)

vitamin E [?] (**tocopherol**)

vitamin K [?] (**phytonadione**, AquaMephyton, Mephyton)

Vitravene [?] (**fomivirsen**)

Vivactil [1A2→, 2C19→, 2D6→↓, 3A4→↓] (**protriptyline**)

Vivarin [1A2→, 1B1→, 2E1→, 3A4→, GT→, NA→, XO→] (**caffeine**)

Vivelle [1A1→↓, 1A2→↓, 1B1→, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estradiol**)

VLB [2D6↓, 3A4→↓] (**vinblastine**, Velban)

Volmax [?] (**albuterol**)

Voltaren [2B6→, 2C8→↓, 2C9→↓, 2C18→↓, 2C19→↓, 3A4→↓, GT→, ST→] (**diclofenac**)

VoSol otic [?] (**acetic acid** \ **propylene glycol**)

VoSol HC [2D6↑, 3A4→↓↑] (**acetic acid** \ **hydrocortisone**)

VP-16 [1A2→, 2E1→, 3A4→↓, GNT→] (**etoposide**, Toposar, VePesid)

Vumon [2C9↓, 2C19→, 3A4→, 3A5→] (**teniposide**)

warfarin [1A1→, 1A2→, 2A6→, 2C8→, 2C9→↓, 2C19→, 3A4→] (Coumadin)

Wehgen [1A1→↓, 1A2→↓, 1B1→, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**estrone**)

WelChol [?] (**colesevelam**)

Wellbutrin [1A2↓, 2B6→, 2C8→, 2C9→, 2D6→, 2E1→, 3A4→] (**bupropion**)

Wellcovorin [?] (**leucovorin**)

Westcort [2D6↑, 3A4→↓↑] (**hydrocortisone**)

white pepper [GNT↑]

white willow bark [GT→]

Wigraine [1A2→, 1B1→, 2E1→, 3A4→↓, GT→, NA→, XO→] (**caffeine** \ **ergotamine**)

wild cherry [3A4↓]

witch hazel [?] (Tucks)

Wyamine [H?] (**mephentermine**)

Wycillin [MB] (**procaine penicillin**)

Wygesic [1A1→, 1A2→, 2A6→, 2C9→↓, 2D6→↓, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen** \ **propoxyphene**)

Wytensin [1A2→] (**guanabenz**)

Xalatan [BO→] (**latanoprost**)

Xanax [3A4→] (**alprazolam**)

xanthates [1A1↓, 2B6↓, 2E1↓]

Xeloda [Ø] (**capecitabine**)

Xenical [Ø] (**orlistat**)

Xopenex [?] (**levalbuterol**)

xylene [1A1↑, 1A2↑, 2B6↑, 3A4↑]

Xylocaine [1A2⇒↓, 2B6→, 2C?→, 2D6→, 3A4→] (**lidocaine**)

yellow fever vaccine [?] (YF-Vax)

YF-Vax [?] (**yellow fever vaccine**)

Yocon [?] (**yohimbine**)

Yodoxin [?] (**iodoquinol**)

yohimbine [?] (Yocon, Yohimex)

Yohimex [?] (**yohimbine**)

Yutopar [GT→, ST→] (**ritodrine**)

Zaditor [AKR⇒, GT→] (**ketotifen**)

zafirlukast [1A2↓, 2C9→↓, 3A4↓] (Accolate)

Zagam [GT→] (**sparfloxacin**)

zalcitabine [EU] (**ddC**, Hivid)

zaleplon [3A4⇒, AO→, GT→] (Sonata)

Zanaflex [?] (**tizanidine**)

zanamivir [?] (Relenza)

Zanosar [?] (**streptozocin**)

Zantac [1A2↓, 2D6↓, 3A4↓, FMO3→, NA↓] (**ranitidine**)

Zarontin [1A2→, 2B?→, 2C?→, 2E1→, 3A4→] (**ethosuximide**)

Zaroxolyn [?] (**metolazone**)

Zebeta [2D6→, 3A4⇒] (**bisoprolol**)

Zefazone [EU] (**cefmetazole**)

Zemplar [?] (**paricalcitol**)

Zemuron [H?] (**rocuronium**)

Zenapax [Ø] (**daclizumab**)

Zerit [EU] (**d4T**, stavudine)

Zestoretic [EU] (**HCTZ \ lisinopril**)

Zestril [EU] (**lisinopril**)

zhi shi [?]

Ziac [2D6→, 3A4⇒] (**bisoprolol \ HCTZ**)

Ziagen [AD→,GT→] (**abacavir**)

zidovudine [2A6→, 2C9→, 2E1→, 3A4→, GT→] (**azidothymidine, AZT, Combivir, Retrovir**)

zileuton [1A2⇒, 2C9⇒, 3A4⇒, GT→] (**Zyflo**)

Zinacef [EU] (**cefuroxime**)

zinc acetate [GNT↓] (**Galzin**)

Zinecard [H?] (**dexrazoxane**)

Zithromax [3A4↓] (**azithromycin**)

Zocor [2C9↓, 2D6↓, 3A4→↓, 3A5→↓] (**simvastatin**)

Zofran [1A1→, 1A2→, 2D6→, 2E1→, 3A4⇒↓, GNT↓](**ondansetron**)

Zoladex [?] (**goserelin**)

zolmitriptan [1A2→, MAO-A⇒] (**Zomig**)

Zoloft [1A2↓, 2C9→↓, 2C19⇒↓, 2D6→↓, 3A4→↓] (**sertraline**)

zolpidem [1A2⇒, 2C9⇒, 2C19→, 2D6→, 3A4→] (**Ambien**)

Zomig [1A2→, MAO-A⇒] (**zolmitriptan**)

Zonalon [1A2→, 2D6→↓, 3A4→, GT→] (**doxepin**)

Zonegran [2C19→, 3A4→, 3A5→, GT→, MAO-B↓, NA→, ST→] (**zonisamide**)

zonisamide [2C19→, 3A4→, 3A5→, GT→, MAO-B↓, NA→, ST→] (**Zonegran**)

zopiclone [2C8→, 2C9→, 3A4→]

Zostrix [2E1→, QO↓] (**capsaicin**)

Zosyn [?] (**piperacillin \ tazobactam**)

zotepine [1A1→, 1A2→, 2B6→, 2C19→, 2D6→, 3A4→, 3A5→]

Zovia 1/35E [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ ethynodiol**)

Zovia 1/50E [1A1⇒↓, 1A2→↓, 1B1⇒, 2C9→, 2C19→, 3A4→↓, 3A5→↓, GT→, ST→] (**ethinyl estradiol \ ethynodiol**)

Zovirax [AD→, AO→] (**acyclovir**)

zuclopentixol [2D6→]

Zyban [1A2↓, 2B6→, 2C8→, 2C9→, 2D6→, 2E1⇒, 3A4→] (**bupropion**)

Zydone [1A1→, 1A2→, 2A6→, 2D6→, 2E1→, 3A4→↓, GNT→, GT→↓, NA↓, ST→] (**acetaminophen \ hydrocodone**)

Zyflo [1A2⇒, 2C9⇒, 3A4⇒, GT⇒] (***zileuton***)

Zyloprim [XO↓] (***allopurinol***)

Zyprexa [1A2→, 2C9→↓, 2C19→↓, 2D6→↓, 3A4↓, GT→] (***olanzapine***)

Zyrtec [H?] (***cetirizine***)

Zyvox [MAO↓] (***linezolid***)

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