



MEDICAL EVOLUTIONS 1 INC

Wellness For Life

Prescription Reference Sheet

Primary Substrates

Primary enzyme for metabolism

Pain Management

Opioid Analgesics

Alfentanil - *Alfenta*
Buprenorphine - *Subutex, Suboxone*
Codeine - *Tylenol #2, 3, 4 (P)*
Fentanyl - *Duragesic, Actiq*
Hydrocodone - *Vicodin, Lortab, Norco*
Hydromorphone - *Dilaudid, Exalgo*
Levorphanol - *Levo Dromoran*
Meperidine - *Demerol*
Methadone - *Dolophine, Methadose, Diskets*
Morphine - *MS Contin*
Oxycodone - *Oxycontin, Percocet*
Oxymorphone - *Opana*
Sufentanil - *Sufenta*
Tapentadol - *Nucynta*
Tramadol - *Ultram, Tramal*

NSAID's

Celecoxib - *Celebrex*
Diclofenac - *Cataflam, Voltaren XR*
Flurbiprofen - *Ansaïd*
Ibuprofen - *Advil, Motrin*
Indomethacin - *Indocin*
Ketoprofen - *Orudis*
Ketorolac - *Toradol*
Meloxicam - *Mobic*
Nabumetone - *Relafen*
Naproxen - *Aleve, Naprosyn*
Piroxicam - *Feldene*
Sulindac - *Clinoril*

Fibromyalgia Agents

Milnacipran - *Savella*

Muscle Relaxants

Carisoprodol - *Soma*
Cyclobenzaprine - *Flexeril, Amrix*
Metaxalone - *Skelaxin*
Methocarbamol - *Robaxin*
Tizandidine - *Zanaflex*

Cardiology

Anti-Hypertensives

Atenolol - *Tenormin*
Azilsartan - *Edarbi, Edarbyclor*
Candesartan - *Atacand*
Carvedilol - *Coreg*
Eprosartan - *Teveten*
Irbesartan - *Avapro*
Labetalol - *Normodyne, Trandate*
Losartan - *Cozaar, Hyzaar*
Metoprolol - *Lopressor, Toprol-XL*
Nebivolol - *Bystolic*
Olmesartan - *Benicar*
Propranolol - *Inderal*
Telmisartan - *Micardis*
Timolol - *Timoptic, Blocadren*
Valsartan - *Diovan, Entresto*
Verapamil - *Calan, Covera-HS, Isoptin, Verelan*

Anti-Arrhythmics

Flecainide - *Tambocor*
Mexiletine - *Mexitil*
Propafenone - *Rythmol*
Quinidine - *Quinaglute, Quinidex*
Ranolazine - *Ranexa*

Antithrombotics

Apixaban - *Eliquis*
Clopidogrel - *Plavix*
Dabigatran Etxilate - *Pradaxa*
Edoxaban - *Savaysa*
Fondaparinux - *Arixtra*
Prasugrel - *Effient*
Rivaroxaban - *Xarelto*
Ticagrelor - *Brilinta*
Vorapaxar - *Zontivity*
Warfarin - *Coumadin*

Statins

Atorvastatin - *Lipitor, Caduet*
Fluvastatin - *Lescol*
Lovastatin - *Mevacor, Advicor*
Pitavastatin - *Livalo*
Pravastatin - *Pravachol*
Rosuvastatin - *Crestor*
Simvastatin - *Zocor, Vytorin, Simcor*

Cardiology (cont.)

Diuretics

Hydrochlorothiazide - *Esidrix, Microzide*
Torsemide - *Demadex*

Gastroenterology

Antiemetics

Dolasetron - *Anzemet*
Metoclopramide - *Reglan*
Ondansetron - *Zofran, Zuplenz*
Palonosetron - *Aloxi*

Proton Pump Inhibitors

Dexlansoprazole - *Dexilant, Kapidex*
Esomeprazole - *Nexium*
Lansoprazole - *Prevacid*
Omeprazole - *Prilosec*
Pantoprazole - *Protonix*
Rabeprazole - *Aciphex*

Others

PEG-3350, Na2SO4, NaCl, KCl, Sodium Ascorbate, and Ascorbic Acid - *MoviPrep*
Polyethylene Glycol-3350 - *Dulcolax, MiraLAX, GaviLAX*
Potassium Chloride - *Klor-Con, K-tab*

Antimicrobials

Chloroquine - *Aralen*
Dapsone - *Aczone*
Mafenide - *Sulfamylon*
Methylene Blue - *Uribel, Urogescic-Blue, Azuphen MB, UTA*
Nalidixic Acid - *NegGram*
Nitrofurantoin - *Furadantin, Macrobid, Macrochantin*
Primaquine - *Primaquine*
Proguanil - *Malarone*
Quinine Sulfate - *Qulaquin*
Sulfamethoxazole/Trimethoprim - *Bactrim, Septra*
Voriconazole - *Vfend*

Primary Substrates

Primary enzyme for metabolism

Psychiatry

Antipsychotics & Mood Stabilizers

Aripiprazole - *Abilify*
Aripiprazole Lauroxil - *Aristada*
Asenapine - *Saphris*
Brexipiprazole - *Rexulti*
Chlorpromazine - *Thorazine*
Clozapine - *Clozaril*
Fluphenazine - *Prolixin*
Haloperidol - *Haldol*
Iloperidone - *Fanapt*
Lithium - *Eskalith, Lithobid*
Loxapine - *Loxitane, Adasuve*
Lurasidone - *Latuda*
Olanzapine - *Zyprexa*
Paliperidone - *Invega*
Perphenazine - *Trilafon*
Pimavanserin - *Nuplazid*
Pimozide - *Orap*
Quetiapine - *Seroquel*
Risperidone - *Risperdal*
Tetrabenazine - *Xenazine*
Thioridazine - *Mellaril*
Thiothixene - *Navane*
Trazodone - *Oleptro*
Trifluoperazine - *Stelazine*
Ziprasidone - *Geodon*

Antidepressants

Amoxapine - *Asendin, Asendis, Demolox*
Amitriptyline - *Elavil, Levate*
Citalopram - *Celexa*
Clomipramine - *Anafranil*
Desipramine - *Norpramin*
Desvenlafaxine - *Pristiq*
Doxepin - *Silenor*
Duloxetine - *Cymbalta*
Escitalopram - *Lexapro*
Fluoxetine - *Prozac, Sarafem*
Fluvoxamine - *Luvox*
Imipramine - *Tofranil*
Levomilnacipran - *Fetzima*
Maprotiline - *Ludiomil*
Mirtazapine - *Remeron*
Nefazodone - *Serzone*
Nortriptyline - *Pamelor, Aventyl*
Paroxetine - *Paxil, Brisdelle*
Protriptyline - *Vivactil*
Sertraline - *Zoloft*
Trimipramine - *Surmontil*
Venlafaxine - *Effexor*
Vilazodone - *Viibryd*
Vortioxetine - *Trintellix*

Benzodiazepines

Alprazolam - *Xanax*
Clobazam - *Onfi*
Clonazepam - *Klonopin*
Diazepam - *Valium*
Lorazepam - *Ativan*
Oxazepam - *Serax*

Anti-ADHD

Amphetamine - *Adderall*
Atomoxetine - *Strattera*
Clonidine - *Kapvay*
Dexmethylphenidate - *Focalin*
Dextroamphetamine - *Dexedrine*
Guanfacine - *Intuniv*
Lisdexamfetamine - *Vyvanse*
Methylphenidate - *Ritalin*

Psychiatry (cont.)

Anti-Addictives

Acamprosate - *Campral*
Bupropion - *Wellbutrin, Zyban, Aplenzin, Contrave*
Disulfiram - *Antabuse*
Levodopa/Carbidopa - *Sinemet*
Naltrexone - *Vivitrol, Contrave*

Anti-Dementia Agents

Donepezil - *Aricept*
Galantamine - *Razadyne*
Memantine - *Namenda*

Other Neurological Agents

Dextromethorphan/Quinidine - *Nuedexta*
Flibanserin - *Addyi*
Modafinil - *Provigil*

Urology

Phosphodiesterase Inhibitors

Avanafil - *Stendra*
Sildenafil - *Viagra*
Tadalafil - *Cialis*
Vardenafil - *Levitra*

Antispasmodics

Darifenacin - *Enblex*
Fesoterodine - *Toviaz*
Mirabegron - *Myrbetriq*
Oxybutynin - *Ditropan*
Solifenacin - *Vesicare*
Tolterodine - *Detrol*
Trospium - *Sanctura*

Alpha Blockers

Alfuzosin - *Uroxatral*
Doxazosin - *Cardura*
Silodosin - *Rapaflo*
Tamsulosin - *Flomax*
Terazosin - *Hytrin*

5-Alpha-Reductase Inhibitors

Dutasteride - *Avodart*
Finasteride - *Proscar*

Endocrinology

Diabetic Agents

Metformin - *Glucophage*
Nateglinide - *Starlix*
Repaglinide - *Prandin, Prandimet*
Chlorpropamide - *Diabinese*
Glimepiride - *Amaryl*
Glipizide - *Glucotrol*
Glyburide - *Micronase*
Tolbutamide - *Orinase*
Pioglitazone - *Actos, Oseni*
Rosiglitazone - *Avandia*

Hormonal Agents

Drospirenone/Ethinyl Estradiol - *Yasmin, Yaz*
Ethinyl Estradiol - *Estinyl*

Rheumatology

Anti-Gout

Allopurinol - *Zyloprim, Liopurin, Aloprim*
Lesinurad - *Zurampic*
Pegloticase - *Krystexxa*

Immunomodulators

Apremilast - *Otezla*
Leflunomide - *Arava*
Tofacitinib - *Xeljanz*

Neurology

Anesthetics

Lidocaine - *Xylocaine*
Prilocaine - *Citanest*
Prilocaine/Lidocaine - *EMLA*

Anticonvulsants

Brivaracetam - *Briviact*
Carbamazepine - *Tegretol, Carbatrol, Epitol*
Gabapentin - *Neurontin*
Lacosamide - *Vimpat*
Lamotrigine - *Lamictal*
Levetiracetam - *Keppra*
Oxcarbazepine - *Trileptal, Oxtellar XR*
Perampanel - *Fycompa*
Phenobarbital - *Luminal*
Pregabalin - *Lyrica*
Primidone - *Mysoline*
Rufinamide - *Banzel*
Tiagabine - *Gabitril*
Topiramate - *Topamax*
Valproic Acid - *Depakote, Depakene*
Vigabatrin - *Sabril*
Zonisamide - *Zonegran*
Eslicarbazepine - *Aptiom*
Ethosuximide - *Zarontin*
Ezogabine - *Potiga*
Felbamate - *Felbatol*
Fosphenytoin - *Cerebyx*
Phenytoin - *Dilantin*

Oncology

Azathioprine - *Azasan, Imuran*
Capecitabine - *Xeloda*
Cisplatin - *Platinol*
Dabrafenib - *Tafinlar*
Fluorouracil - *Adrucil, Carac, Efudex*
Gefitinib - *Iressa*
Mercaptopurine - *Purinethol, Purixan*
Methotrexate - *Trexall*
Paclitaxel - *Taxol, Abraxane*
Rasburicase - *Elitek*
Tamoxifen - *Soltamox*
Thioguanine - *Tabloid*

Others

Arformoterol - *Brovana*
Cevimeline - *Evoxac*
Dextromethorphan - *Robitussin D, Delsym*
Eliugustat - *Cerdelga*
Eltrombopag - *Promacta*
Succimer - *Chemet*
Tacrolimus - *Prograf*

Inhibitors

Decreases the ability of the enzyme to metabolize the substrates

CYP2D6

Abiraterone - Zytigo
Amiodarone - Cordarone
Amitriptyline - Amitrip, Elavil
Asenapine - Saphris, Sycrest
Bupropion - Wellbutrin
Celecoxib - Celebrex
Chloroquine - Aralen
Chlorpheniramine - Chlor-Tabs
Chlorpromazine - Largactil
Cimetidine - Tagamet
Cinacalcet - Sensipar
Citalopram - Celexa
Clomipramine - Anafranil
Cobicistat - Stribild
Cocaine
Desipramine - Norpramin
Desvenlafaxine - Pristiq
Diltiazem - Cardizem
Diphenhydramine - Benadryl, Dramamine
Doxepin - Silenor
Dronedarone - Multaq
Duloxetine - Cymbalta
Echinacea
Everolimus - Afinitor, Zortress
Febuxostat - Uloric
Fluoxetine - Prozac
Fluphenazine - Prolixin, Modecate
Fluvoxamine - Luvox
Goldenseal
Halofantrine - Halfan
Haloperidol - Haldol
Hydralazine - Apresoline
Hydroxychloroquine - Plaquenil
Hydroxyzine - Vistaril, Atarax
Imatinib - Gleevec
Imipramine - Tofranil
Ketoconazole - Nizoral
Levomepromazine - Nozinan
Lorcaserin - Belviq
MDMA
Methadone - Methadose, Diskets
Metoclopramide - Reglan
Miconazole - Monistat, Desenex, Oravig
Mirabegron - Myrbetriq
Niacin - Niaspan, Niacor
Nicardipine - Cardene
Nortriptyline - Pamelor
Oral Contraceptives
Paroxetine - Paxil
Perphenazine - Trilafon
Pimozide - Orap
Propafenone - Rythmol
Propoxyphene - Darvon, Dolene
Quinidine - Quinidex
Quinine - Quaalatin
Ranitidine - Zantac
Ritonavir - Norvir
Sertraline - Zoloft
Telithromycin - Ketek
Terbinafine - Lamisil
Thioridazine - Mellaril
Ticlopidine - Ticlid
Tropium - Sanctura
Vemurafenib - Zelboraf
Venlafaxine - Effexor
Verapamil - Calan
Vilazodone - Viibryd

CYP2C9

Amiodarone - Cordarone
Anastrozole - Arimidex
Capacetibine - Xeloda
Chloramphenicol - Chloromycetin
Cimetidine - Tagamet
Clopidogrel - Plavix
Delavirdine - Rescriptor
Efavirenz - Sustiva
Fenofibrate - Fenoglide, Tricor
Fluconazole - Diflucan
Fluorouracil - Efidex
Fluvastatin - Lescol
Fluvoxamine - Luvox
Gemfibrozil - Lopid
Imatinib - Gleevec
Indomethacin - Indocin
Ketoconazole - Nizoral
Leflunomide - Arava
Lovastatin - Mevacor
Metronidazole - Flagyl
Miconazole - Monistat, Desenex, Oravig
Modafinil
Nicardipine - Cardene
Omeprazole - Prilosec
Oxandrolone - Oxandrin
Pantoprazole - Protonix
Phenylbutazone
Quinine - Quaalatin
Sulfamethoxazole - Bactrim
Sulfaphenazole - Sulfabid
Tamoxifen - Nolvadex
Teniposide - Vumon
Ticagrelor - Brilinta
Ticlopidine - Ticlid
Valproic acid - Valproic
Vemurafenib - Zelboraf
Voriconazole - Vfend
Zafirlukast - Accolate
5-fluorouracil - Efidex

CYP1A2

Amiodarone - Cordarone
Amlodipine - Norvasc
Cimetidine - Tagamet
Ciprofloxacin - Cipro
Citalopram - Celexa
Dexlansoprazole - Dexilant, Kapidex
Diclofenac - Voltaren
Ethinyl Estradiol - Estinyl
Fluvoxamine - Luvox
Gemfibrozil - Lopid
Interferon-gamma - Actimmune
Ketoconazole - Nizoral
Methoxsalen - Oxsoralen
Mexiletine - Mexitil
Miconazole - Monistat, Desenex, Oravig
Nalidixic acid - NegGram
Nifedipine - Procardia
Norethindrone - Aygestin, Micronor
Norfloxacin - Noroxin
Oral Contraceptives
Tacrine - Cognex
Thiabendazole - Mintezol
Ticlopidine - Ticlid
Vemurafenib - Zelboraf
Zileuton - Zyflo

SLC01 B1

Atazanavir/Ritonavir - Reyataz
Clotrimazole - Mycelex, Pedesil, Lotrimin
Cobicistat - Stribild
Cyclosporine - Neoral, Restasis
Dronedarone - Multaq
Eltrombopag - Promacta
Gemfibrozil - Lopid
Glyburide - Micronase, DiaBeta
Lithocholate
Lopinavir/Ritonavir - Kaletra
Mifepristone - Korlym
Paclitaxel - Abraxane
Pioglitazone - Actos
Repaglinide - Prandin
Rifampicin - Rifadin
Rifamycin SV - Rifamycin
Ritonavir - Norvir
Rosiglitazone - Avandia
Sasquinavir/Ritonavir - Invirase, Norvir
Sirolimus - Rapamune
Tipranavir/Ritonavir - Aptivus, Norvir
Troglitazone - Rezulin, Romozin, Noscil

CYP3A4,5

Fluoxetine - Prozac
Fluvoxamine - Luvox
Fosamprenavir - Lexiva
Grapefruit Juice
Imatinib - Gleevec
Doxycycline - Doryx, Oracea, Monodox
Dronedarone - Multaq
Echinacea
Efavirenz - Sustiva
Erythromycin - Ery-Tab
Ethinyl Estradiol - Estinyl
Everolimus - Afinitor, Zortress
Fluconazole - Diflucan
Fluoxetine - Prozac
Fluvoxamine - Luvox
Fosamprenavir - Lexiva
Indinavir - Crixivan
Isoniazid - INH
Itraconazole - Sparanox
Ketoconazole - Nizoral
Lapatinib - Tykerb
Lurasidone - Latexa
Methylprednisolone - Medrol, Solu-Medrol
Metronidazole - Flagyl
Miconazole - Monistat, Desenex, Oravig
Mifepristone - Korlym
Nefazodone - Serzone
Nelfinavir - Viracept
Nicardipine - Cardene
Norethindrone - Noroxin
Norfloxacin - Noroxin
Posaconazole - Noxafil
Quinine - Quaalatin
Quinupristin - Synercid
Ritonavir - Norvir
Saquinavir - Invirase
Sertraline - Zoloft
Tamoxifen - Nolvadex
Telaprevir - Incivek
Telithromycin - Ketek
Ticlopidine - Ticlid
Troleandomycin - Tiriocetin, Tekmisin
Vemurafenib - Zelboraf
Verapamil - Calan
Voriconazole - Vfend
Zafirlukast - Accolate
Zileuton - Zyflo

Inhibitors

Decreases the ability of the enzyme to metabolize the substrates

CYP2C19

Artemisinin - *Qinghao Su*

Chloramphenicol - *Chloromycetin*

Citalopram - *Celexa*

Delavirdine - *Rescriptor*

Efavirenz - *Sustiva*

Esomeprazole - *Nexium*

Felbamate - *Felbatol*

Fluconazole - *Diflucan*

Fluoxetine - *Prozac*

Fluvoxamine - *Luvox*

Isoniazid - *INH*

Letrozole - *Femara*

Miconazole - *Monistat, Desenex, Oravig*

Modafinil - *Provigil*

Nicardipine - *Cardene*

Omeprazole - *Prilosec*

Oral Contraceptives

Oxcarbazepine - *Trileptal*

Sertraline - *Zoloft*

Telmisartan - *Micardis*

Ticlopidine - *Ticlid*

Topiramate - *Topamax*

Voriconazole - *Vfend*

COMT

Entacapone - *Comtan*

Quercetin

Tea Catechins

Tolcapone - *Tasmar*

Inducers

Increases the ability of the enzyme to metabolize the substrates

CYP3A4,5

Aminoglutethimide

Aprepitant

Bosentan

Bosentan

Carbamazepine

Dexamethasone

Efavirenz

Ethosuximide

Felbamate

Fosphenytoin

Garlic Supplements

Glucocorticoids

Griseofulvin

Modafinil

Nafcillin

Nevirapine

Oxcarbazepine

Phenobarbital

Phenytoin

Pioglitazone

Primidone

Rifabutin

Rifampin

Rifapentine

St. John's Wort

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St. John's Wort

CYP1A2

Beta-Naphthoflavone

Carbamazepine

Charbroiled Food

Cigarette Smoking

Montelukast

Nafcillin

Omeprazole

Phenobarbital

Phenytoin

Primidone

Rifampin

Ritonavir

St. John's Wort

3-methylcholanthrene

CYP2C19

Carbamazepine

Efavirenz

Ginkgo Biloba

Norethindrone

Phenytoin

Prednisone

Rifampin

Ritonavir

St. John's Wort

St. John's Wort

Vilazodone

CYP2C9

Aprepitant

Bosentan

Carbamazepine

Elvitegravir

Nevirapine

Phenobarbital

Phenytoin

Primidone

Rifampin

Rifapentine

Ritonavir

Secubarbital

St. John's Wort

