

Interactions with Entry & Integrase Inhibitors

Charts revised January 2012. Full information available at www.hiv-druginteractions.org

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	MVC	RAL
Analgesics		
Alfentanil	◇	◆
Aspirin	◇	◇
Buprenorphine	◆	◆
Celecoxib	◇	◇
Codeine	■	◆
Dextropropoxyphene	◇	◇
Diamorphine (diacetylmorphine)	◇	◆
Diclofenac	◇	◇
Dihydrocodeine	■	◆
Fentanyl	◇	◆
Ibuprofen	◇	◇
Mefenamic acid	◇	◇
Methadone	◆	◆
Morphine	◇	◆
Naproxen	◇	◇
Nimesulide	◇	◇
Paracetamol	◇	◇
Pethidine (Meperidine)	◇	◆
Piroxicam	◇	◇
Tramadol	◇	◆
Antiarrhythmics		
Amiodarone	■	◇
Bepiridil	◇	◇
Disopyramide	◇	◇
Flecainide	◇	◇
Lidocaine (Lignocaine)	◇	◇
Mexiletine	◇	◇
Propafenone	◇	◇
Quinidine	◇	◇
Antibacterials		
Amikacin	◇	◇
Amoxicillin	◇	◇
Azithromycin	◇	◇
Ciprofloxacin	◇	◇
Clarithromycin	■	◇
Clavulanic acid	◇	◇
Clindamycin	◇	◇
Dapsone	◇	◇
Ertapenem	◇	◇
Erythromycin	■	◇
Ethambutol	◇	◇
Isoniazid	◇	◇
Meropenem	◇	◇
Metronidazole	■	◇
Moxifloxacin	◇	◇
Ofloxacin	◇	◇
Penicillins	◇	◇
Pyrazinamide	◇	◇
Rifabutin	■	◆
Rifampicin	■	■
Rifapentine	■	◇
Streptomycin	◇	◇
Tetracyclines	◇	◇
Trimethoprim/Sulfamethoxazole	◆	◇
Anticonvulsants		
Carbamazepine	■	■
Clonazepam	◇	◇
Ethosuximide	◇	◇
Gabapentin	◇	◇
Lacosamide	◇	◇
Lamotrigine	◇	◆
Levetiracetam	◇	◇
Oxcarbazepine	◇	◇
Phenobarbital (Phenobarbitone)	■	■
Phenytoin	■	■
Pregabalin	◇	◇
Topiramate	◇	◇
Valproate (Divalproex)	◇	◇
Vigabatrin	◇	◇

	MVC	RAL
Antidepressants		
Amirtriptiline	◇	◇
Bupropion	◇	◇
Citalopram	◇	◇
Clomipramine	◇	◇
Desipramine	◇	◇
Doxepin	◇	◇
Fluoxetine	◇	◇
Lithium	◇	◇
Mirtazapine	◇	◇
Nefazodone	■	◇
Nortriptyline	◇	◇
Paroxetine	◇	◇
Sertraline	◇	◇
Trazodone	◇	◇
Venlafaxine	■	◇
Anti-diabetics		
Glibenclamide (Glyburide)	◇	◇
Gliclazide	■	◇
Glipizide	◇	◇
Insulin	◇	◇
Metformin	◇	◇
Pioglitazone	◇	◆
Repaglinide	◇	◇
Rosiglitazone	◇	◇
Tolbutamide	◇	◇
Antifungals		
Amphotericin B	◇	◇
Caspofungin	◇	◇
Fluconazole	◆	◆
Flucytosine	◇	◇
Itraconazole	■	◆
Ketoconazole	■	◆
Miconazole	◇	◆
Posaconazole	◇	◆
Terbinafine	◇	◇
Voriconazole	■	◇
Antihistamines		
Astemizole	◇	◇
Cetirizine	◇	◇
Fexofenadine	◇	◇
Loratadine	◇	◇
Promethazine	◇	◇
Terfenadine	◇	◇
Antimigraine Agents		
Dihydroergotamine	◇	◇
Ergotamine	◇	◇
Sumatriptan	◇	◇
Anti-platelet and Anti-coagulant		
Acenocoumarol	◇	◇
Clopidogrel	◇	◇
Dabigatran	◇	◇
Phenprocoumon	◇	◇
Rivaroxaban	◇	◇
Warfarin	◇	◇
Antiprotozoals		
Amodiaquine	◇	◇
Artemisinins	◇	◇
Atovaquone	◇	◇
Chloroquine	◇	◇
Halofantrine	◇	◇
Lumefantrine	◇	◇
Mefloquine	◇	◇
Pentamidine	◇	◇
Primaquine	◇	◇
Proguanil	◇	◇
Pyrimethamine	◇	◇
Quinine	■	◇
Sulfadoxine/pyrimethamine	◇	◇

	MVC	RAL
Antipsychotics/Neuroleptics		
Chlorpromazine	◇	◇
Clozapine	◇	◇
Haloperidol	■	◇
Olanzapine	◇	◇
Perphenazine	◇	◇
Pimozide	◇	◇
Quetiapine	◇	◇
Risperidone	◇	◇
Sulpiride	◇	◇
Thioridazine	◇	◇
Antivirals		
Aciclovir	◇	◇
Adefovir	◇	◇
Amantadine	◇	◇
Boceprevir	■	◇
Cidofovir	◇	◇
Entecavir	◇	◇
Famciclovir	◇	◇
Foscarnet	◇	◇
Ganciclovir	◇	◇
Oseltamivir	◇	◇
Ribavirin	◆	◇
Rimantadine	◇	◇
Telaprevir	■	◇
Valaciclovir	◇	◇
Zanamivir	◇	◇
Anxiolytics/Hypnotics/ Sedatives		
Alprazolam	◇	◇
Chlordiazepoxide	◇	◇
Clorazepate	◇	◇
Diazepam	◇	◇
Estazolam	◇	◇
Flunitrazepam	◇	◇
Flurazepam	◇	◇
Lorazepam	◇	◇
Lormetazepam	◇	◇
Midazolam (oral)	◆	◆
Midazolam (parenteral)	◆	◆
Oxazepam	◇	◇
Temazepam	◇	◇
Triazolam	◇	◇
Zolpidem	◇	◇
Zopiclone	◇	◇
Beta Blockers		
Atenolol	◇	◇
Bisoprolol	◇	◇
Carvedilol	◇	◇
Metoprolol	◇	◇
Propranolol	◇	◇
Bronchodilator		
Montelukast	◇	◇
Salbutamol	◇	◇
Salmeterol	◇	◇
Theophylline	◇	◇
Calcium Channel Blockers		
Amlodipine	◇	◇
Diltiazem	■	◇
Felodipine	◇	◇
Nicardipine	◇	◇
Nifedipine	◇	◇
Nisoldipine	◇	◇
Verapamil	■	◇

Key to abbreviations

MVC	Maraviroc (Celsentri®, Selzentry®)
RAL	Raltegravir (Isentress®)

Key to symbols

Filled symbols indicate further information on the interaction is available at www.hiv-druginteractions.org. Empty symbols indicate the combination has not been studied; an interaction has been predicted based on the metabolic profiles of the drugs.

●/○	These drugs should not be coadministered
■/□	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
◆/◇	No clinically significant interaction expected
◆/◇	There are no clear data, actual or theoretical, to indicate whether an interaction will occur

Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the more cautious option.

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	MVC	RAL
Contraceptives/HRT		
Drospirenone	◇	◇
Dydrogesterone	◇	◇
Estradiol	◇	◇
Ethinylestradiol	◆	◆
Etonogestrel	◇	◇
Levonorgestrel	◆	◇
Medroxyprogesterone (IM)	◇	◇
Medroxyprogesterone (oral)	◇	◇
Norethisterone (Norethindrone)	◇	◇
Norgestimate	◇	◆
Ulipristal	◇	◇
Cytotoxics		
Bleomycin	◇	◇
Cyclophosphamide	◇	◇
Cytarabine	◇	◇
Dacarbazine	◇	◇
Docetaxel	◇	◇
Doxorubicin	◇	◇
Etoposide	◇	◇
Irinotecan	◇	■
Paclitaxel	◇	◇
Tamoxifen	◇	◇
Vinblastine	◇	◇
Vincristine	◇	◇
Erectile Dysfunctional Agents		
Sildenafil (Erectile Dysfunction)	◇	◆
Tadalafil	◇	◆
Vardenafil	◇	◆
Gastrointestinal Agents		
Antacids	◇	■
Cimetidine	◇	■
Cisapride	◇	◇
Esomeprazole	■	■
Famotidine	◇	■
Lansoprazole	◇	■
Loperamide	◇	◇
Mesalazine	◇	◇
Omeprazole	◇	■
Pantoprazole	◇	■
Rabeprazole	◇	■
Ranitidine	◇	■
Gastrointestinal Agents (anti-emetics)		
Domperidone	◇	◇
Dronabinol	◇	◇
Metoclopramide	◇	◇
Ondansetron	◇	◇
Prochlorperazine	◇	◇
General Anaesthetics & Muscle Relaxants		
Cisatracurium	◇	◇
Desflurane	◇	◇
Dexmedetomidine	◇	◇
Enflurane	◇	◇
Halothane	◇	◇
Isoflurane	◇	◇
Ketamine	◇	◇
Propofol	◇	◇
Rocuronium	◇	◇
Sevoflurane	◇	◇
Sufentanil	◇	◇
Suxamethonium (succinylcholine)	◇	◇

	MVC	RAL
Herbals/Supplements/Vitamins		
Cyanocobalamin	◇	◇
Echinacea	■	◇
Folic acid	◇	◇
Garlic	■	◇
Ginkgo biloba	■	◇
Grapefruit juice	■	◇
Hops (Humulus lupulus)	■	◇
Milk thistle	◇	◇
Quercetin	■	◇
Seville orange juice	■	◇
St John's Wort	●	◆
Valerian	◆	◇
Vitamin E	◇	◇
Hypertension / Heart Failure Agents		
Amiloride	◇	◇
Bendroflumethiazide	◇	◇
Bosentan	■	◇
Candesartan	◇	◇
Chlortalidone	◇	◇
Cilazapril	◇	◇
Doxazosin	◇	◇
Enalapril	◇	◇
Furosemide	◇	◇
Indapamide	◇	◇
Irbesartan	■	◇
Lacidipine	◇	◇
Lercanidipine	◇	◇
Lisinopril	◇	◇
Losartan	■	◇
Olmesartan	◇	◇
Perindopril	◇	◇
Quinapril	◇	◇
Ramipril	◇	◇
Sildenafil (PAH)	◇	◆
Telmisartan	◇	◇
Trandolapril	◇	◇
Valsartan	◇	◇
Illlicit/Recreational		
Alcohol	◇	◇
Cocaine	◇	◇
Gamma-hydroxybutyrate	◇	◇
Marijuana	◇	◇
MDMA (Ecstasy)	◇	◇
Methamphetamine	◇	◇
Immune Modulators		
Hydroxyurea	◇	◇
Interferon alpha	◇	◇
Interleukin 2	◇	◇
Peginterferon alfa-2a	◆	◇
Immunosuppressants		
Azathioprine	◇	◇
Ciclosporin	◇	◆
Mycophenolate	◇	■
Sirolimus	◇	◆
Tacrolimus	◇	◆

	MVC	RAL
Lipid Lowering Agents		
Atorvastatin	◆	◆
Bezafibrate	◇	◇
Clofibrate	◇	◇
Ezetimibe	◇	◆
Fenofibrate	◇	◇
Fish oils	◇	◇
Fluvastatin	◆	◆
Gemfibrozil	◇	■
Lovastatin	◆	◆
Pravastatin	◆	◆
Rosuvastatin	◆	◆
Simvastatin	◆	◆
Other		
Alendronic Acid	■	■
Alfuzosin	◇	◇
Allopurinol	◇	◇
Apomorphine	◇	◇
Biperiden	◇	◇
Caffeine	◇	◇
Calcium	◇	◇
Digoxin	◇	◇
Disulfiram	◇	◇
Dutasteride	■	◇
Ergometrine (Ergonovine)	◇	◇
Ibandronic acid	■	■
Isotretinoin	◇	◇
Levodopa	◇	◇
Nicorandil	◇	◇
Orlistat	◇	◇
Potassium	◇	◇
Pramipexole	◇	◇
Spiroglactone	◇	◇
Tamsulosin	◇	◇
Torasemide	■	◇
Tranexamic acid	◇	◇
Varenicline	◆	◇
Steroids		
Budesonide	◇	◆
Dexamethasone	◇	◆
Fludrocortisone	◇	◇
Fluticasone	◇	◆
Hydrocortisone (oral)	◇	◇
Hydrocortisone (topical)	◇	◇
Megestrol acetate	◇	◇
Mometasone	◇	◇
Nandrolone	◇	◇
Oxandrolone	◇	◇
Prednisolone	◇	◆
Stanozolol	◇	◇
Testosterone	◇	◇

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