

Interactions with Entry & Integrase Inhibitors

Charts revised January 2017. Full information available at www.hiv-druginteractions.org

	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Anaesthetics & Muscle Relaxants					
Alcuronium	■	■	■	◆	◆
Bupivacaine	◆	◆	◆	◆	◆
Cisatracurium	◆	◆	◆	◆	◆
Desflurane	◆	◆	◆	◆	◆
Dexmedetomidine	◆	◆	◆	◆	◆
Enflurane	◆	◆	◆	◆	◆
Ephedrine	■	◆	◆	◆	◆
Halothane	◆	◆	◆	◆	◆
Isoflurane	◆	◆	◆	◆	◆
Ketamine	◆	■	■	◆	◆
Nitrous oxide	◆	◆	◆	◆	◆
Propofol	◆	◆	◆	◆	◆
Rocuronium	◆	◆	◆	◆	◆
Sevoflurane	◆	◆	◆	◆	◆
Sufentanil	◆	■	■	◆	◆
Suxamethonium (succinylcholine)	◆	◆	◆	◆	◆
Tetracaine	◆	◆	◆	◆	◆
Thiopental	◆	◆	◆	◆	◆
Tizanidine	◆	◆	◆	◆	◆
Vecuronium	◆	◆	◆	◆	◆
Analgesics					
Alfentanil	◆	■	■	◆	◆
Aspirin	◆	◆	■	◆	◆
Buprenorphine	◆	◆	◆	◆	◆
Celecoxib	◆	◆	◆	◆	◆
Codeine	◆	◆	◆	◆	◆
Dextropropoxyphene	◆	●	●	◆	◆
Diamorphine (diacetylmorphine)	◆	■	■	◆	◆
Diclofenac	◆	◆	■	◆	◆
Dihydrocodeine	◆	■	■	◆	◆
Fentanyl	◆	■	■	◆	◆
Hydrocodone	◆	■	■	◆	◆
Hydromorphone	◆	◆	◆	◆	◆
Ibuprofen	◆	◆	■	◆	◆
Mefenamic acid	◆	◆	■	◆	◆
Methadone	◆	◆	■	◆	◆
Morphine	◆	■	■	◆	◆
Naproxen	◆	◆	■	◆	◆
Nimesulide	◆	◆	■	◆	◆
Oxycodone	◆	■	■	◆	◆
Paracetamol (Acetaminophen)	◆	◆	◆	◆	◆
Pethidine (Meperidine)	◆	■	■	◆	◆
Piroxicam	◆	◆	■	◆	◆
Tramadol	◆	■	■	◆	◆
Anthelmintics					
Albendazole	◆	■	■	◆	◆
Diethylcarbamazine	◆	◆	◆	◆	◆
Ivermectin	◆	■	■	◆	◆
Levamisole (Ergamisol)	◆	◆	◆	◆	◆
Mebendazole	◆	■	■	◆	◆
Nicosamide	◆	◆	◆	◆	◆
Oxamniquine	◆	■	■	◆	◆
Praziquantel	◆	■	■	◆	◆
Pyrantel	◆	◆	◆	◆	◆
Suramin sodium	◆	◆	◆	◆	◆
Triclabendazole	◆	■	■	◆	◆
Antiarrhythmics					
Amiodarone	◆	●	●	◆	◆
Bepidil	◆	■	■	◆	◆
Disopyramide	■	◆	◆	◆	◆
Flecainide	◆	■	■	◆	◆
Lidocaine (Lignocaine)	◆	■	■	◆	◆
Mexiletine	◆	■	■	◆	◆
Propafenone	◆	●	●	◆	◆
Quinidine	◆	●	●	◆	◆
Antibacterials					
Amikacin	◆	■	■	◆	◆
Amoxicillin	◆	◆	◆	◆	◆
Ampicillin	◆	■	■	◆	◆
Azithromycin	◆	◆	◆	◆	◆
Bedaquiline	◆	■	■	◆	◆
Capreomycin	■	◆	◆	◆	◆
Cefalexin	◆	◆	■	◆	◆
Cefazolin	◆	◆	■	◆	◆
Cefixime	◆	◆	◆	◆	◆
Cefotaxime	◆	◆	◆	◆	◆
Ceftazidime	◆	◆	◆	◆	◆
Ceftriaxone	◆	◆	◆	◆	◆
Chloramphenicol	◆	■	■	◆	◆
Ciprofloxacin	◆	◆	◆	◆	◆
Clarithromycin	◆	■	■	◆	◆
Clavulanic acid	◆	◆	◆	◆	◆
Clindamycin	◆	■	■	◆	◆
Clofazimine	◆	◆	◆	◆	◆
Cloxacillin	◆	◆	◆	◆	◆
Cycloserine	◆	◆	◆	◆	◆
Dapsone	◆	◆	◆	◆	◆
Doxycycline	◆	◆	◆	◆	◆

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	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Antibacterials (continued)					
Ertapenem	◆	◆	◆	◆	◆
Erythromycin	◆	■	■	◆	◆
Ethambutol	◆	◆	◆	◆	◆
Ethionamide	◆	◆	◆	◆	◆
Flucloxacillin	◆	■	■	◆	◆
Gentamicin	◆	■	■	◆	◆
Imipenem/Cilastatin	◆	◆	◆	◆	◆
Isoniazid	◆	◆	◆	◆	◆
Kanamycin	◆	■	■	◆	◆
Levofloxacin	◆	◆	◆	◆	◆
Linezolid	◆	◆	◆	◆	◆
Meropenem	◆	◆	◆	◆	◆
Metronidazole	◆	◆	◆	■	◆
Moxifloxacin	◆	◆	◆	◆	◆
Nitrofurantoin	◆	◆	◆	◆	◆
Ofloxacin	◆	◆	◆	◆	◆
Para-aminosalicylic acid	◆	■	■	◆	◆
Penicillins	◆	◆	◆	◆	◆
Pyrazinamide	◆	◆	◆	◆	◆
Rifabutin	◆	■	■	◆	◆
Rifampicin	■	●	●	◆	◆
Rifapentine	■	◆	◆	◆	◆
Rifaximin	◆	◆	◆	◆	◆
Spectinomycin	◆	◆	◆	◆	◆
Streptomycin	◆	■	■	◆	◆
Sulfadiazine	◆	■	■	◆	◆
Telithromycin	◆	◆	◆	■	◆
Tetracyclines	◆	◆	◆	◆	◆
Trimethoprim/Sulfamethoxazole	◆	■	■	◆	◆
Vancocycin	◆	◆	◆	◆	◆
Anti-coagulant, Anti-platelet and Fibrinolytic					
Acenocoumarol	◆	■	■	◆	◆
Apixaban	◆	●	●	◆	◆
Clopidogrel	◆	■	■	◆	◆
Dabigatran	◆	■	■	◆	◆
Dalteparin	◆	◆	◆	◆	◆
Dipyridamole	◆	◆	◆	◆	◆
Edoxaban	◆	■	■	◆	◆
Eltrombopag	◆	◆	◆	◆	◆
Enoxaparin	◆	◆	◆	◆	◆
Fondaparinux	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆
Phenprocoumon	◆	■	■	◆	◆
Prasugrel	◆	◆	◆	◆	◆
Rivaroxaban	◆	●	●	◆	◆
Streptokinase	◆	◆	◆	◆	◆
Ticagrelor	◆	●	●	◆	◆
Warfarin	◆	■	■	◆	◆
Anticonvulsants					
Carbamazepine	■	●	●	■	■
Clozapepam	◆	■	■	◆	◆
Ethosuximide	◆	■	■	◆	◆
Gabapentin	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆
Oxcarbazepine	●	■	■	■	■
Phenobarbital (Phenobarbitone)	◆	●	●	◆	◆
Phenytoin	●	●	●	■	■
Pregabalin	◆	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	◆
Valproate (Divalproex)	◆	■	■	◆	◆
Vigabatrin	◆	◆	◆	◆	◆
Zonisamide	◆	■	■	◆	◆
Antidepressants					
Agomelatine	◆	◆	◆	◆	◆
Amitriptyline	◆	■	■	◆	◆
Bupropion	◆	◆	◆	◆	◆
Citalopram	◆	■	■	◆	◆
Clopramine	◆	■	■	◆	◆
Desipramine	◆	■	■	◆	◆
Doxepin	◆	■	■	◆	◆
Duloxetine	◆	◆	◆	◆	◆
Escitalopram	◆	■	■	◆	◆
Fluoxetine	◆	■	■	◆	◆
Fluvoxamine	◆	■	■	◆	◆
Imipramine	◆	■	■	◆	◆
Lithium	◆	◆	◆	◆	◆
Maprotiline	◆	■	■	◆	◆
Mianserin	◆	◆	◆	◆	◆
Milnacipran	◆	◆	◆	◆	◆
Mirtazapine	◆	■	■	◆	◆
Nefazodone	◆	■	■	◆	◆
Nortriptyline	◆	■	■	◆	◆
Paroxetine	◆	■	■	◆	◆
Phenelzine	◆	◆	◆	◆	◆
Reboxetine	◆	■	■	◆	◆
Sertraline	◆	■	■	◆	◆
Tranlycypromine	◆	■	■	◆	◆
Trazodone	◆	■	■	◆	◆
Trimipramine	◆	■	■	◆	◆
Venlafaxine	◆	■	■	◆	◆

Key to abbreviations

DTG	Dolutegravir (Tivicay®)
E/C/F/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
E/C/F/TDF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
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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	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Anti-diabetics					
Acarbose	◆	◆	◆	◆	◆
Empagliflozin	◆	◆	◆	◆	◆
Exanatide	◆	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	◆	◆
Glucalazide	◆	◆	◆	◆	◆
Glimepiride	◆	◆	◆	◆	◆
Glipizide	◆	◆	◆	◆	◆
Insulin	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	◆	◆
Liraglutide	◆	◆	◆	◆	◆
Metformin	◆	◆	◆	◆	◆
Nateglinide	◆	◆	◆	◆	◆
Pioglitazone	◆	◆	◆	◆	◆
Repaglinide	◆	◆	◆	◆	◆
Rosiglitazone	◆	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	◆	◆
Sitagliptin	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	◆	◆
Vildagliptin	◆	◆	◆	◆	◆
Antifungals					
Amphotericin B	◆	◆	◆	◆	◆
Anidulafungin	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆
Fluconazole	◆	◆	◆	◆	◆
Flucytosine	◆	◆	◆	◆	◆
Griseofulvin	◆	◆	◆	◆	◆
Itraconazole	◆	◆	◆	◆	◆
Ketoconazole	◆	◆	◆	◆	◆
Miconazole	◆	◆	◆	◆	◆
Nystatin	◆	◆	◆	◆	◆
Posaconazole	◆	◆	◆	◆	◆
Terbinafine	◆	◆	◆	◆	◆
Voriconazole	◆	◆	◆	◆	◆
Antihistamines					
Astemizole	◆	◆	◆	◆	◆
Cetirizine	◆	◆	◆	◆	◆
Chlorphenamine	◆	◆	◆	◆	◆
Diphenhydramine	◆	◆	◆	◆	◆
Fexofenadine	◆	◆	◆	◆	◆
Levocetirizine	◆	◆	◆	◆	◆
Loratadine	◆	◆	◆	◆	◆
Promethazine	◆	◆	◆	◆	◆
Terfenadine	◆	◆	◆	◆	◆
Antimigraine Agents					
Almotriptan	◆	◆	◆	◆	◆
Dihydroergotamine	◆	◆	◆	◆	◆
Ergotamine	◆	◆	◆	◆	◆
Rizatriptan	◆	◆	◆	◆	◆
Sumatriptan	◆	◆	◆	◆	◆
Antiprotozoals					
Amodiaquine	◆	◆	◆	◆	◆
Artemisinin	◆	◆	◆	◆	◆
Atovaquone	◆	◆	◆	◆	◆
Benznidazole	◆	◆	◆	◆	◆
Chloroquine	◆	◆	◆	◆	◆
Diloxanide	◆	◆	◆	◆	◆
Eflornithine	◆	◆	◆	◆	◆
Halofantrine	◆	◆	◆	◆	◆
Lumefantrine	◆	◆	◆	◆	◆
Mefloquine	◆	◆	◆	◆	◆
Meglumine antimoniate	◆	◆	◆	◆	◆
Melarsoprol	◆	◆	◆	◆	◆
Miltefosine	◆	◆	◆	◆	◆
Nifurtimox	◆	◆	◆	◆	◆
Paromomycin	◆	◆	◆	◆	◆
Pentamidine	◆	◆	◆	◆	◆
Primaquine	◆	◆	◆	◆	◆
Proguanil	◆	◆	◆	◆	◆
Pyrimethamine	◆	◆	◆	◆	◆
Quinine	◆	◆	◆	◆	◆
Sodium stibogluconate	◆	◆	◆	◆	◆
Sulfadoxine	◆	◆	◆	◆	◆

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	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Antipsychotics/Neuroleptics					
Amisulpride	◆	◆	◆	◆	◆
Aripiprazole	◆	◆	◆	◆	◆
Asenapine	◆	◆	◆	◆	◆
Chlorpromazine	◆	◆	◆	◆	◆
Clozapine	◆	◆	◆	◆	◆
Fluphenazine	◆	◆	◆	◆	◆
Haloperidol	◆	◆	◆	◆	◆
Iloperidone	◆	◆	◆	◆	◆
Levomepromazine	◆	◆	◆	◆	◆
Olanzapine	◆	◆	◆	◆	◆
Paliperidone	◆	◆	◆	◆	◆
Perazine	◆	◆	◆	◆	◆
Pericyazine	◆	◆	◆	◆	◆
Perphenazine	◆	◆	◆	◆	◆
Pimozide	◆	◆	◆	◆	◆
Pipotiazine	◆	◆	◆	◆	◆
Quetiapine	◆	◆	◆	◆	◆
Risperidone	◆	◆	◆	◆	◆
Sulpiride	◆	◆	◆	◆	◆
Thioridazine	◆	◆	◆	◆	◆
Tiapride	◆	◆	◆	◆	◆
Ziprasidone	◆	◆	◆	◆	◆
Zotepine	◆	◆	◆	◆	◆
Zuclopethixol	◆	◆	◆	◆	◆
Antivirals					
Aciclovir	◆	◆	◆	◆	◆
Adefovir	◆	◆	◆	◆	◆
Amantadine	◆	◆	◆	◆	◆
Boceprevir	◆	◆	◆	◆	◆
Cidofovir	◆	◆	◆	◆	◆
Daclatasvir	◆	◆	◆	◆	◆
Elbasvir/Grazoprevir	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆
Famciclovir	◆	◆	◆	◆	◆
Foscarnet	◆	◆	◆	◆	◆
Ganciclovir	◆	◆	◆	◆	◆
Ledipasvir/sofosbuvir	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r + Dasabuvir	◆	◆	◆	◆	◆
Oseltamivir	◆	◆	◆	◆	◆
Ribavirin	◆	◆	◆	◆	◆
Rimantadine	◆	◆	◆	◆	◆
Simeprevir	◆	◆	◆	◆	◆
Sofosbuvir	◆	◆	◆	◆	◆
Telaprevir	◆	◆	◆	◆	◆
Telbivudine	◆	◆	◆	◆	◆
Valaciclovir	◆	◆	◆	◆	◆
Velpatasvir/sofosbuvir	◆	◆	◆	◆	◆
Zanamivir	◆	◆	◆	◆	◆
Anxiolytics/Hypnotics/ Sedatives					
Alprazolam	◆	◆	◆	◆	◆
Bromazepam	◆	◆	◆	◆	◆
Buspirone	◆	◆	◆	◆	◆
Chlordiazepoxide	◆	◆	◆	◆	◆
Clorazepate	◆	◆	◆	◆	◆
Diazepam	◆	◆	◆	◆	◆
Estazolam	◆	◆	◆	◆	◆
Flunitrazepam	◆	◆	◆	◆	◆
Flurazepam	◆	◆	◆	◆	◆
Hydroxyzine	◆	◆	◆	◆	◆
Lorazepam	◆	◆	◆	◆	◆
Lormetazepam	◆	◆	◆	◆	◆
Midazolam (oral)	◆	◆	◆	◆	◆
Midazolam (parenteral)	◆	◆	◆	◆	◆
Oxazepam	◆	◆	◆	◆	◆
Temazepam	◆	◆	◆	◆	◆
Triazolam	◆	◆	◆	◆	◆
Zaleplon	◆	◆	◆	◆	◆
Zolpidem	◆	◆	◆	◆	◆
Zopiclone	◆	◆	◆	◆	◆
Beta Blockers					
Atenolol	◆	◆	◆	◆	◆
Bisoprolol	◆	◆	◆	◆	◆
Carvedilol	◆	◆	◆	◆	◆
Metoprolol	◆	◆	◆	◆	◆
Nebivolol	◆	◆	◆	◆	◆
Oxprenolol	◆	◆	◆	◆	◆
Pindolol	◆	◆	◆	◆	◆
Propranolol	◆	◆	◆	◆	◆
Timolol	◆	◆	◆	◆	◆

Key to abbreviations

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	DTG	E/C/F/TAF	E/C/F/TDF	MVC	RAL
Bronchodilators					
Formoterol	◆	◆	◆	◆	◆
Ipratropium bromide	◆	◆	◆	◆	◆
Montelukast	◆	◆	◆	◆	◆
Salbutamol	◆	◆	◆	◆	◆
Salmeterol	◆	◆	◆	◆	◆
Theophylline	◆	◆	◆	◆	◆
Calcium Channel Blockers					
Amlodipine	◆	◆	◆	◆	◆
Diltiazem	◆	◆	◆	◆	◆
Felodipine	◆	◆	◆	◆	◆
Nicardipine	◆	◆	◆	◆	◆
Nifedipine	◆	◆	◆	◆	◆
Nisoldipine	◆	◆	◆	◆	◆
Nitrendipine	◆	◆	◆	◆	◆
Verapamil	◆	◆	◆	◆	◆
Contraceptives/HRT					
Desogestrel	◆	◆	◆	◆	◆
Drospirenone	◆	◆	◆	◆	◆
Dydrogesterone	◆	◆	◆	◆	◆
Estradiol	◆	◆	◆	◆	◆
Ethinylestradiol	◆	◆	◆	◆	◆
Etonogestrel	◆	◆	◆	◆	◆
Gestodene	◆	◆	◆	◆	◆
Levonorgestrel	◆	◆	◆	◆	◆
Levonorgestrel (Emergency Contraception)	◆	◆	◆	◆	◆
Medroxyprogesterone (IM depot)	◆	◆	◆	◆	◆
Medroxyprogesterone (oral)	◆	◆	◆	◆	◆
Norelgestromin	◆	◆	◆	◆	◆
Norethisterone (Norethindrone)	◆	◆	◆	◆	◆
Norgestimate	◆	◆	◆	◆	◆
Norgestrel	◆	◆	◆	◆	◆
Ulipristal	◆	◆	◆	◆	◆
Cytotoxics					
Anastrozole	◆	◆	◆	◆	◆
Asparaginase	◆	◆	◆	◆	◆
Bexarotene	◆	◆	◆	◆	◆
Bleomycin	◆	◆	◆	◆	◆
Bortezomib	◆	◆	◆	◆	◆
Capecitabine	◆	◆	◆	◆	◆
Carboplatin	◆	◆	◆	◆	◆
Chlorambucil	◆	◆	◆	◆	◆
Cisplatin	◆	◆	◆	◆	◆
Cyclophosphamide	◆	◆	◆	◆	◆
Cytarabine	◆	◆	◆	◆	◆
Dacarbazine	◆	◆	◆	◆	◆
Daunorubicin	◆	◆	◆	◆	◆
Docetaxel	◆	◆	◆	◆	◆
Doxorubicin	◆	◆	◆	◆	◆
Droloxifene	◆	◆	◆	◆	◆
Epirubicin	◆	◆	◆	◆	◆
Erlotinib	◆	◆	◆	◆	◆
Estramustine	◆	◆	◆	◆	◆
Etoposide	◆	◆	◆	◆	◆
Everolimus	◆	◆	◆	◆	◆
Exemestane	◆	◆	◆	◆	◆
Fludarabine	◆	◆	◆	◆	◆
Fluorouracil	◆	◆	◆	◆	◆
Formestane	◆	◆	◆	◆	◆
Gefitinib	◆	◆	◆	◆	◆
Gemcitabine	◆	◆	◆	◆	◆
Ifosfamide	◆	◆	◆	◆	◆
Imatinib	◆	◆	◆	◆	◆
Irinotecan	◆	◆	◆	◆	◆
Lapatinib	◆	◆	◆	◆	◆
Letrozole	◆	◆	◆	◆	◆
Mercaptopurine	◆	◆	◆	◆	◆
Mesna	◆	◆	◆	◆	◆
Methotrexate	◆	◆	◆	◆	◆
Mitoxantrone	◆	◆	◆	◆	◆
Nilotinib	◆	◆	◆	◆	◆
Oxaliplatin	◆	◆	◆	◆	◆
Paclitaxel	◆	◆	◆	◆	◆
Pazopanib	◆	◆	◆	◆	◆
Procarbazine	◆	◆	◆	◆	◆
Rituximab	◆	◆	◆	◆	◆
Sorafenib	◆	◆	◆	◆	◆
Sunitinib	◆	◆	◆	◆	◆
Tamoxifen	◆	◆	◆	◆	◆
Temsirolimus	◆	◆	◆	◆	◆
Topotecan	◆	◆	◆	◆	◆
Toremifene	◆	◆	◆	◆	◆
Vinblastine	◆	◆	◆	◆	◆
Vincristine	◆	◆	◆	◆	◆
Vorinostat	◆	◆	◆	◆	◆

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Erectile Dysfunctional Agents					
Sildenafil (Erectile Dysfunction)	◆	◆	◆	◆	◆
Tadalafil (Erectile Dysfunction)	◆	◆	◆	◆	◆
Vardenafil	◆	◆	◆	◆	◆
Gastrointestinal Agents					
Alosetron	◆	◆	◆	◆	◆
Aluminium hydroxide	◆	◆	◆	◆	◆
Antacids	◆	◆	◆	◆	◆
Bisacodyl	◆	◆	◆	◆	◆
Cimetidine	◆	◆	◆	◆	◆
Cisapride	◆	◆	◆	◆	◆
Esomeprazole	◆	◆	◆	◆	◆
Famotidine	◆	◆	◆	◆	◆
Lactulose	◆	◆	◆	◆	◆
Lansoprazole	◆	◆	◆	◆	◆
Loperamide	◆	◆	◆	◆	◆
Mesalazine	◆	◆	◆	◆	◆
Omeprazole	◆	◆	◆	◆	◆
Pantoprazole	◆	◆	◆	◆	◆
Prucalopride	◆	◆	◆	◆	◆
Rabeprazole	◆	◆	◆	◆	◆
Ranitidine	◆	◆	◆	◆	◆
Senna	◆	◆	◆	◆	◆
Gastrointestinal Agents (anti-emetics)					
Aprepitant	◆	◆	◆	◆	◆
Dolasetron	◆	◆	◆	◆	◆
Domperidone	◆	◆	◆	◆	◆
Dronabinol	◆	◆	◆	◆	◆
Granisetron	◆	◆	◆	◆	◆
Metoclopramide	◆	◆	◆	◆	◆
Ondansetron	◆	◆	◆	◆	◆
Prochlorperazine	◆	◆	◆	◆	◆
Herbals/Supplements/Vitamins					
African potato	◆	◆	◆	◆	◆
Aloe vera	◆	◆	◆	◆	◆
Ascorbic Acid (Vitamin C)	◆	◆	◆	◆	◆
Cat's claw (Uncaria tomentosa)	◆	◆	◆	◆	◆
Colecalciferol (vitamin D3)	◆	◆	◆	◆	◆
Cubeb pepper (Piper cubeba)	◆	◆	◆	◆	◆
Cyanocobalamin	◆	◆	◆	◆	◆
Echinacea	◆	◆	◆	◆	◆
Eucalyptus globulus	◆	◆	◆	◆	◆
Folic acid	◆	◆	◆	◆	◆
Garlic	◆	◆	◆	◆	◆
Ginger (Zingiber officinale)	◆	◆	◆	◆	◆
Ginkgo biloba	◆	◆	◆	◆	◆
Goldenseal root (Hydrastis canadensis)	◆	◆	◆	◆	◆
Grapefruit juice	◆	◆	◆	◆	◆
Hops (Humulus lupulus)	◆	◆	◆	◆	◆
Inula racemosa	◆	◆	◆	◆	◆
Iodine	◆	◆	◆	◆	◆
Iron supplements	◆	◆	◆	◆	◆
Liquorice (Glycyrrhiza glabra)	◆	◆	◆	◆	◆
Malabar nut tree	◆	◆	◆	◆	◆
Menthol	◆	◆	◆	◆	◆
Milk thistle	◆	◆	◆	◆	◆
Nicotinamide	◆	◆	◆	◆	◆
Phytomenadione (vitamin K)	◆	◆	◆	◆	◆
Pyridoxine (vitamin B6)	◆	◆	◆	◆	◆
Quercetin	◆	◆	◆	◆	◆
Retinol (vitamin A)	◆	◆	◆	◆	◆
Riboflavin (vitamin B2)	◆	◆	◆	◆	◆
Saw palmetto (Serenoa repens)	◆	◆	◆	◆	◆
Seville orange juice	◆	◆	◆	◆	◆
St John's Wort	◆	◆	◆	◆	◆
Thiamine (vitamin B1)	◆	◆	◆	◆	◆
Turmeric (Curcuma longa)	◆	◆	◆	◆	◆
Valerian	◆	◆	◆	◆	◆
Vitamin E	◆	◆	◆	◆	◆

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Interactions with Entry & Integrase Inhibitors

Charts revised January 2017. Full information available at www.hiv-druginteractions.org

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	DTG	E/C/F/TAF	E/C/F/TDF	MVC	RAL
Hypertension / Heart Failure Agents					
Aliskiren	◆	■	■	◆	◆
Amiloride	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆
Bosentan	■	■	■	■	■
Candesartan	◆	◆	◆	◆	◆
Captopril	◆	◆	◆	◆	◆
Chlorthalidone	◆	◆	◆	◆	◆
Cilazapril	◆	◆	◆	◆	◆
Clonidine	◆	◆	◆	◆	◆
Digoxin	◆	■	■	◆	◆
Dopamine	◆	◆	◆	◆	◆
Doxazosin	◆	■	■	◆	◆
Enalapril	◆	◆	◆	◆	◆
Eprosartan	◆	◆	◆	◆	◆
Furosemide	◆	◆	◆	◆	◆
Hydralazine	◆	◆	◆	◆	◆
Hydrochlorothiazide	◆	◆	◆	◆	◆
Indapamide	◆	■	■	◆	◆
Irbesartan	◆	■	■	◆	◆
Isosorbide dinitrate	◆	■	■	◆	◆
Ivabradine	◆	●	●	◆	◆
Labetalol	◆	◆	◆	◆	◆
Lacidipine	◆	◆	◆	◆	◆
Lercanidipine	◆	●	●	◆	◆
Lisinopril	◆	◆	◆	◆	◆
Losartan	◆	■	■	◆	◆
Macitentan	◆	■	■	◆	◆
Methyldopa	◆	■	■	◆	◆
Metolazone	◆	◆	◆	◆	◆
Olmесartan	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆
Prazosin	◆	■	■	◆	◆
Quinapril	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆
Ranolazine	◆	●	●	◆	◆
Sacubitril	◆	■	■	◆	◆
Sildenafil (PAH)	◆	●	●	◆	◆
Sodium nitroprusside	◆	◆	◆	◆	◆
Spironolactone	◆	◆	◆	◆	◆
Tadalafil (PAH)	◆	■	■	◆	◆
Telmisartan	◆	■	■	◆	◆
Terazosin	◆	■	■	◆	◆
Torsemide	◆	■	■	◆	◆
Trandolapril	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆
Illicit/Recreational					
Alcohol	◆	◆	◆	◆	◆
Amphetamine	◆	■	■	◆	◆
Amyl nitrate (Poppers)	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	◆
Cocaine	◆	■	■	◆	◆
Gamma-hydroxybutyrate	◆	◆	◆	◆	◆
Heroin	◆	■	■	◆	◆
Lysergic acid diethylamide (LSD)	◆	■	■	◆	◆
MDMA (Ecstasy)	◆	■	■	◆	◆
Mephedrone	◆	■	■	◆	◆
Methamphetamine	◆	■	■	◆	◆
Phencyclidine (PCP)	◆	■	■	◆	◆
Immune Modulators					
Hydroxyurea (Hydroxycarbamide)	◆	■	■	◆	◆
Interferon alpha	◆	◆	◆	◆	◆
Interleukin 2 (Aldesleukin)	◆	◆	◆	◆	◆
Peginterferon alfa-2a	◆	■	■	◆	◆
Immunosuppressants					
Azathioprine	◆	◆	◆	◆	◆
Ciclosporin	◆	■	■	◆	◆
Mycophenolate	◆	■	■	◆	◆
Sirolimus	◆	■	■	◆	◆
Tacrolimus	◆	■	■	◆	◆
Lipid Lowering Agents					
Atorvastatin	◆	■	■	◆	◆
Bezafibrate	◆	◆	◆	◆	◆
Clofibrate	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆
Fluvastatin	◆	■	■	◆	◆
Gemfibrozil	◆	◆	◆	◆	◆
Lovastatin	◆	●	●	◆	◆
Pitavastatin	◆	■	■	◆	◆
Pravastatin	◆	■	■	◆	◆
Rosuvastatin	◆	◆	◆	◆	◆
Simvastatin	◆	●	●	◆	◆

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	DTG	E/C/F/TAF	E/C/F/TDF	MVC	RAL
Other					
Acetazolamide	◆	◆	■	◆	◆
Acitretin	◆	◆	◆	◆	◆
Adrenaline (Epinephrine)	◆	◆	◆	◆	◆
Alendronic Acid	■	■	■	■	■
Alfuzosin	◆	●	●	◆	◆
Allopurinol	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆
Biperiden	◆	+	+	◆	◆
Caffeine citrate	◆	◆	◆	◆	◆
Calcium	■	■	■	◆	■
Carbamazole	◆	◆	◆	◆	◆
Cloimifene	◆	■	■	◆	◆
Colchicine	◆	■	■	◆	◆
Cyproterone acetate	◆	■	■	◆	◆
Denosumab	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆
Dutasteride	◆	■	■	◆	◆
Finasteride	◆	◆	◆	◆	◆
Flibanserin	◆	●	●	■	◆
Goserelin	◆	■	■	◆	◆
Ibandronic acid	■	■	■	■	■
Isotretinoin	◆	■	■	◆	◆
Leuprorelin	◆	◆	◆	◆	◆
Levothyroxine	◆	◆	◆	◆	◆
Magnesium	■	■	■	◆	■
Mannitol	◆	◆	◆	◆	◆
Methylphenidate	◆	◆	◆	◆	◆
Modafinil	◆	■	■	■	◆
Naftidrofuryl	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆
Orlistat	■	■	■	■	■
Penicillamine	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆
Probenecid	◆	◆	■	◆	◆
Propylthiouracil	◆	◆	◆	◆	◆
Protamine sulphate	◆	◆	◆	◆	◆
Pyridostigmine	■	■	■	◆	◆
Strontium ranelate	■	■	■	◆	■
Sulfasalazine	◆	◆	◆	◆	◆
Tamsulosin	◆	■	■	◆	◆
Thalidomide	◆	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆
Varenicline	◆	◆	◆	◆	◆
Zoledronic acid	◆	◆	■	◆	◆
Overactive Bladder Agents					
Darifenacin	◆	●	●	◆	◆
Fesoterodine	◆	■	■	◆	◆
Mirabegron	◆	■	■	◆	◆
Oxybutin	◆	■	■	◆	◆
Solifenacin	◆	■	■	◆	◆
Tolterodine	◆	■	■	◆	◆
Trospium	◆	■	■	◆	◆
Oxytocics					
Ergometrine (Ergonovine)	◆	●	●	◆	◆
Mifepristone	◆	■	■	■	◆
Misoprostol	◆	◆	◆	◆	◆
Oxytocin	◆	◆	◆	◆	◆
Parkinsonism Agents					
Apomorphine	◆	◆	◆	◆	◆
Benserazide	◆	◆	◆	◆	◆
Carbidopa	◆	■	■	◆	◆
Levodopa	◆	■	■	◆	◆
Pramipexole	◆	◆	◆	◆	◆
Rasagiline	◆	◆	◆	◆	◆
Ropinirole	◆	◆	◆	◆	◆
Steroids					
Beclometasone	◆	◆	◆	◆	◆
Betamethasone	◆	■	■	■	◆
Budesonide	◆	●	●	◆	◆
Clobetasol	◆	■	■	◆	◆
Dexamethasone	◆	■	■	■	◆
Fludrocortisone	◆	◆	◆	◆	◆
Fluocinolone	◆	◆	◆	◆	◆
Fluticasone	◆	●	●	◆	◆
Hydrocortisone (oral)	◆	■	■	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆
Megestrol acetate	◆	◆	◆	◆	◆
Methylprednisolone	◆	■	■	◆	◆
Mometasone	◆	●	●	◆	◆
Nandrolone	◆	+	+	◆	◆
Oxandrolone	◆	+	+	◆	◆
Prednisolone	◆	■	■	◆	◆
Prednisone	◆	■	■	◆	◆
Stanozolol	◆	■	■	◆	◆
Testosterone	◆	■	■	◆	◆
Triamcinolone	◆	●	●	◆	◆

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