

Interactions with Entry & Integrase Inhibitors

Charts revised October 2018. Full information available at www.hiv-druginteractions.org

Page 1 of 5

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister.

	BIC/ F/TAF	DTG	DTG/ RPV	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	■	■	■	●	●	◆	◆
Dofetilide	●	●	●	●	●	◆	◆
Flecainide	◆	◆	▲	■	■	◆	◆
Lidocaine (Lignocaine)	◆	◆	◆	■	■	◆	◆
Mexiletine	◆	◆	◆	■	■	◆	◆
Propafenone	◆	◆	◆	■	■	◆	◆
Quinidine	■	◆	■	●	●	◆	◆

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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Antibacterials							
Amikacin	◆	◆	◆	◆	■	◆	◆
Amoxicillin	◆	◆	◆	◆	◆	◆	◆
Ampicillin	▲	◆	◆	▲	▲	◆	◆
Azithromycin	◆	◆	▲	◆	◆	◆	◆
Bedaquiline	◆	◆	■	■	■	◆	◆
Capreomycin	▲	▲	▲	▲	▲	◆	◆
Cefalexin	◆	◆	◆	▲	▲	◆	◆
Cefazolin	◆	◆	◆	◆	◆	◆	◆
Cefixime	◆	◆	◆	◆	◆	◆	◆
Cefotaxime	◆	◆	◆	◆	◆	◆	◆
Ceftazidime	◆	◆	◆	◆	◆	◆	◆
Ceftriaxone	◆	◆	◆	◆	◆	◆	◆
Chloramphenicol	◆	◆	▲	▲	▲	◆	◆
Ciprofloxacin	◆	◆	■	◆	◆	▲	◆
Clarithromycin	■	◆	■	■	■	◆	◆
Clavulanic acid	◆	◆	◆	◆	◆	◆	◆
Clindamycin	◆	◆	◆	■	■	◆	◆
Clofazimine	◆	◆	▲	◆	◆	◆	◆
Cloxacillin	◆	◆	◆	◆	◆	◆	◆
Cycloserine	◆	◆	◆	◆	◆	◆	◆
Dapsone	◆	◆	◆	◆	◆	◆	◆
Delamanid	◆	◆	▲	■	■	◆	◆
Doxycycline	◆	◆	◆	◆	◆	◆	◆
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	▲	◆	◆	▲	▲	◆	◆
Vancomycin	◆	◆	◆	◆	■	◆	◆
Anti-coagulant, Anti-platelet and Fibrinolytic							
Acenocoumarol	◆	◆	◆	■	■	◆	◆
Apixaban	◆	◆	◆	●	●	◆	◆
Aspirin (anti-platelet)	◆	◆	◆	■	■	◆	◆
Betrixaban	◆	◆	◆	■	■	◆	◆
Dabigatran	◆	◆	▲	●	●	◆	◆
Dalteparin	◆	◆	◆	◆	◆	◆	◆
Dipyridamole	◆	◆	◆	◆	◆	◆	◆
Edoxaban	◆	◆	◆	■	■	◆	◆
Eltrombopag	◆	◆	◆	◆	◆	◆	◆
Enoxaparin	◆	◆	◆	◆	◆	◆	◆
Fondaparinux	◆	◆	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆	◆	◆
Phenprocoumon	◆	◆	◆	■	■	◆	◆
Prasugrel	◆	◆	◆	◆	◆	◆	◆
Rivaroxaban	◆	◆	◆	●	●	◆	◆
Streptokinase	◆	◆	◆	◆	◆	◆	◆
Ticagrelor	◆	◆	◆	●	●	◆	◆
Warfarin	◆	◆	◆	■	■	◆	◆

Key to abbreviations

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
DTG	Dolutegravir (Tivicay™)
DTG/RPV	Dolutegravir + Rilpivirine (Juluca™)
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

●	These drugs should not be coadministered
■	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
▲	Potential interaction likely to be of weak intensity. Additional action/monitoring or dosage adjustment is unlikely to be required
◆	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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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Anticonvulsants							
Carbamazepine	●	■	●	●	●	■	■
Clonazepam	◆	◆	◆	◆	◆	◆	◆
Ethosuximide	◆	◆	◆	■	■	◆	◆
Gabapentin	◆	◆	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆	◆	◆
Oxcarbazepine	●	●	●	■	■	■	■
Phenobarbital (Phenobarbitone)	●	●	●	●	●	■	■
Phenytoin	●	●	●	●	●	■	■
Pregabalin	◆	◆	◆	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	■	◆	◆
Valproate (Divalproex)	■	■	■	■	■	◆	■
Vigabatrin	◆	◆	◆	◆	◆	◆	◆
Zonisamide	◆	◆	◆	◆	◆	◆	◆
Antidepressants							
Agomelatine	◆	◆	◆	◆	◆	◆	◆
Amitriptyline	◆	◆	▲	▲	▲	◆	◆
Bupropion	◆	◆	◆	▲	▲	◆	◆
Citalopram	◆	◆	▲	▲	▲	◆	◆
Clomipramine	◆	◆	▲	■	■	◆	◆
Desipramine	◆	◆	▲	▲	▲	◆	◆
Doxepin	◆	◆	▲	▲	▲	◆	◆
Duloxetine	◆	◆	◆	▲	▲	◆	◆
Escitalopram	◆	◆	▲	▲	▲	◆	◆
Fluoxetine	◆	◆	◆	▲	▲	◆	◆
Fluvoxamine	◆	◆	◆	▲	▲	◆	◆
Imipramine	◆	◆	▲	▲	▲	◆	◆
Lithium	◆	◆	▲	◆	■	◆	◆
Maprotiline	◆	◆	◆	▲	▲	◆	◆
Mianserin	◆	◆	◆	▲	▲	◆	◆
Milnacipran	◆	◆	◆	◆	◆	◆	◆
Mirtazapine	◆	◆	◆	■	■	◆	◆
Nefazodone	▲	◆	■	■	■	◆	◆
Nortriptyline	◆	◆	▲	▲	▲	◆	◆
Paroxetine	◆	◆	◆	■	■	◆	◆
Phenelzine	◆	◆	◆	◆	◆	◆	◆
Reboxetine	◆	◆	◆	■	■	◆	◆
Sertraline	◆	◆	◆	◆	◆	◆	◆
Tranylcypromine	◆	◆	◆	■	■	◆	◆
Trazodone	◆	◆	▲	■	■	◆	◆
Trimipramine	◆	◆	◆	▲	▲	◆	◆
Venlafaxine	◆	◆	◆	▲	▲	▲	◆
Anti-diabetics							
Acarbose	◆	◆	◆	◆	◆	◆	◆
Canagliflozin	◆	◆	◆	◆	■	◆	◆
Dapagliflozin	◆	◆	◆	◆	◆	◆	◆
Dulaglutide	◆	◆	■	◆	◆	◆	◆
Empagliflozin	◆	◆	■	◆	■	◆	◆
Exanatide	◆	◆	■	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	■	■	◆	◆
Gliclazide	◆	◆	◆	■	■	◆	◆
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	▲	◆	■	■	■	◆	◆

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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	▲	◆	◆	▲	▲	◆	◆
Antipsychotics/Neuroleptics							
Amisulpride	◆	◆	◆	◆	◆	◆	◆
Aripiprazole	◆	◆	◆	■	■	◆	◆
Asenapine	◆	◆	◆	▲	▲	◆	◆
Chlorpromazine	◆	◆	▲	▲	▲	◆	◆
Clozapine	◆	◆	◆	■	■	◆	◆
Fluphenazine	◆	◆	▲	▲	▲	◆	◆
Haloperidol	◆	◆	▲	▲	▲	◆	◆
Iloperidone	◆	◆	◆	■	■	◆	◆
Levomepromazine	◆	◆	▲	▲	▲	◆	◆
Olanzapine	◆	◆	◆	▲	▲	◆	◆
Paliperidone	◆	◆	◆	▲	▲	◆	◆
Perazine	◆	◆	▲	■	■	◆	◆
Periciazine	◆	◆	▲	▲	▲	◆	◆
Perphenazine	◆	◆	▲	▲	▲	◆	◆
Pimozide	◆	◆	◆	▲	▲	◆	◆
Pipotiazine	◆	◆	▲	●	●	◆	◆
Quetiapine	◆	◆	▲	●	●	◆	◆
Risperidone	◆	◆	◆	■	■	◆	◆
Sulpiride	◆	◆	▲	◆	◆	◆	◆
Thioridazine	◆	◆	▲	▲	▲	◆	◆
Tiapride	◆	◆	▲	◆	◆	◆	◆
Ziprasidone	◆	◆	◆	■	■	◆	◆
Zotepine	◆	◆	◆	■	■	◆	◆
Zuclopenthixol	◆	◆	▲	■	■	◆	◆

Key to abbreviations

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
DTG	Dolutegravir (Tivicay™)
DTG/RPV	Dolutegravir + Rilpivirine (Juluca™)
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

●	These drugs should not be coadministered
■	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
▲	Potential interaction likely to be of weak intensity. Additional action/monitoring or dosage adjustment is unlikely to be required
◆	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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Interactions with Entry & Integrase Inhibitors

Charts revised October 2018. Full information available at www.hiv-druginteractions.org

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister.

	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Antivirals							
Aciclovir	♦	♦	♦	♦	♦	♦	♦
Adefovir	♦	♦	♦	♦	♦	♦	♦
Amantadine	♦	♦	♦	♦	♦	♦	♦
Boceprevir	♦	♦	♦	♦	♦	♦	♦
Cidofovir	♦	♦	♦	♦	♦	♦	♦
Daclatasvir	♦	♦	♦	♦	♦	♦	♦
Elbasvir/Grazoprevir	♦	♦	♦	♦	♦	♦	♦
Entecavir	♦	♦	♦	♦	♦	♦	♦
Famciclovir	♦	♦	♦	♦	♦	♦	♦
Foscarnet	♦	♦	♦	♦	♦	♦	♦
Ganciclovir	♦	♦	♦	♦	♦	♦	♦
Glecaprevir/Pibrentasvir	♦	♦	♦	♦	♦	♦	♦
Ledipasvir/Sofosbuvir	♦	♦	♦	♦	♦	♦	♦
Ombitasvir/Paritaprevir/r	♦	♦	♦	♦	♦	♦	♦
Ombitasvir/Paritaprevir/r + Dasabuvir	♦	♦	♦	♦	♦	♦	♦
Oseltamivir	♦	♦	♦	♦	♦	♦	♦
Ribavirin	♦	♦	♦	♦	♦	♦	♦
Rimantadine	♦	♦	♦	♦	♦	♦	♦
Simeprevir	♦	♦	♦	♦	♦	♦	♦
Sofosbuvir	♦	♦	♦	♦	♦	♦	♦
Sofosbuvir/Velpatasvir	♦	♦	♦	♦	♦	♦	♦
Sofosbuvir/Velpatasvir/Voxilaprevir	♦	♦	♦	♦	♦	♦	♦
Telaprevir	♦	♦	♦	♦	♦	♦	♦
Telbivudine	♦	♦	♦	♦	♦	♦	♦
Valaciclovir	♦	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦	♦
Bronchodilators							
Acidinium bromide	♦	♦	♦	♦	♦	♦	♦
Aminophylline	♦	♦	♦	♦	♦	♦	♦
Formoterol	♦	♦	♦	♦	♦	♦	♦
Glycopyrronium bromide	♦	♦	♦	♦	♦	♦	♦
Indacaterol	♦	♦	♦	♦	♦	♦	♦
Ipratropium bromide	♦	♦	♦	♦	♦	♦	♦
Montelukast	♦	♦	♦	♦	♦	♦	♦
Olodaterol	♦	♦	♦	♦	♦	♦	♦
Roflumilast	♦	♦	♦	♦	♦	♦	♦
Salbutamol	♦	♦	♦	♦	♦	♦	♦
Salmeterol	♦	♦	♦	♦	♦	♦	♦
Theophylline	♦	♦	♦	♦	♦	♦	♦
Tiotropium bromide	♦	♦	♦	♦	♦	♦	♦
Umeclidinium bromide	♦	♦	♦	♦	♦	♦	♦
Vilanterol	♦	♦	♦	♦	♦	♦	♦

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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Calcium Channel Blockers							
Amlodipine	♦	♦	♦	♦	♦	♦	♦
Diltiazem	♦	♦	♦	♦	♦	♦	♦
Felodipine	♦	♦	♦	♦	♦	♦	♦
Nicardipine	♦	♦	♦	♦	♦	♦	♦
Nifedipine	♦	♦	♦	♦	♦	♦	♦
Nisoldipine	♦	♦	♦	♦	♦	♦	♦
Nitrendipine	♦	♦	♦	♦	♦	♦	♦
Verapamil	♦	♦	♦	♦	♦	♦	♦
Cancer Therapies							
Anastrozole	♦	♦	♦	♦	♦	♦	♦
Asparaginase	♦	♦	♦	♦	♦	♦	♦
Bevacizumab	♦	♦	♦	♦	♦	♦	♦
Bexarotene	♦	♦	♦	♦	♦	♦	♦
Bleomycin	♦	♦	♦	♦	♦	♦	♦
Bortezomib	♦	♦	♦	♦	♦	♦	♦
Capecitabine	♦	♦	♦	♦	♦	♦	♦
Carboplatin	♦	♦	♦	♦	♦	♦	♦
Chlorambucil	♦	♦	♦	♦	♦	♦	♦
Cisplatin	♦	♦	♦	♦	♦	♦	♦
Cyclophosphamide	♦	♦	♦	♦	♦	♦	♦
Cytarabine	♦	♦	♦	♦	♦	♦	♦
Dacarbazine	♦	♦	♦	♦	♦	♦	♦
Dactinomycin	♦	♦	♦	♦	♦	♦	♦
Dasatinib	♦	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦	♦

Key to abbreviations

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
DTG	Dolutegravir (Tivicay™)
DTG/RPV	Dolutegravir + Rilpivirine (Juluca™)
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

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Page 4 of 5

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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Contraceptives/HRT							
Desogestrel (COC)	◆	◆	◆	▲	▲	◆	◆
Desogestrel (POP)	◆	◆	◆	▲	▲	◆	◆
Drospirenone (COC)	◆	◆	◆	▲	▲	◆	◆
Drospirenone (HRT)	◆	◆	◆	▲	▲	◆	◆
Dydrogesterone (HRT)	◆	◆	◆	■	■	◆	◆
Estradiol	◆	◆	◆	■	■	◆	◆
Ethinylestradiol	◆	◆	◆	■	■	◆	◆
Etonogestrel (implant)	◆	◆	◆	▲	▲	◆	◆
Etonogestrel (vaginal ring)	◆	◆	◆	■	■	◆	◆
Gestodene (COC)	◆	◆	◆	▲	▲	◆	◆
Levonorgestrel (COC)	◆	◆	◆	▲	▲	◆	◆
Levonorgestrel (emergency contraception)	◆	◆	◆	▲	▲	◆	◆
Levonorgestrel (HRT)	◆	◆	◆	■	■	◆	◆
Levonorgestrel (implant)	◆	◆	◆	▲	▲	◆	◆
Levonorgestrel (IUD)	◆	◆	◆	■	■	◆	◆
Levonorgestrel (POP)	◆	◆	◆	▲	▲	◆	◆
Medroxyprogesterone (depot injection)	◆	◆	◆	■	■	◆	◆
Medroxyprogesterone (oral)	◆	◆	◆	■	■	◆	◆
Norelgestromin (patch)	◆	◆	◆	▲	▲	◆	◆
Norethisterone [Norethindrone] (COC)	◆	◆	◆	▲	▲	◆	◆
Norethisterone [Norethindrone] (HRT)	◆	◆	◆	■	■	◆	◆
Norethisterone [Norethindrone] (IM depot)	◆	◆	◆	■	■	◆	◆
Norethisterone [Norethindrone] (POP)	◆	◆	◆	▲	▲	◆	◆
Norgestimate (COC)	◆	◆	◆	▲	▲	◆	◆
Norgestrel (COC)	◆	◆	◆	▲	▲	◆	◆
Norgestrel (HRT)	◆	◆	◆	■	■	◆	◆
Ulipristal	◆	◆	◆	▲	▲	◆	◆
Erectile Dysfunctional Agents							
Sildenafil (Erectile Dysfunction)	◆	◆	◆	■	■	◆	◆
Tadalafil (Erectile Dysfunction)	◆	◆	◆	■	■	◆	◆
Vardenafil	◆	◆	◆	■	■	◆	◆
Gastrointestinal Agents							
Alosetron	◆	◆	◆	◆	◆	◆	◆
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)	■	■	■	■	■	◆	■
Calcium supplements	■	■	■	■	■	◆	■
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	◆	◆	▲	◆	◆	▲	◆

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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Herbals/Supplements/Vitamins (continued)							
Hops (Humulus lupulus)	■	■	■	◆	◆	■	◆
Inula racemosa	◆	◆	▲	◆	◆	▲	◆
Iodine	■	■	■	■	■	◆	■
Iron supplements	■	■	■	■	■	◆	■
Liquorice (Glycyrrhiza glabra)	▲	▲	▲	◆	◆	▲	▲
Magnesium supplements	■	■	■	■	■	◆	■
Malabar nut tree	■	■	■	■	■	◆	■
Menthol	◆	◆	▲	◆	◆	▲	◆
Milk thistle (silymarin)	■	■	■	◆	◆	◆	■
Multivitamins	■	■	■	■	■	◆	■
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	■	■	■	■	■	◆	■
Hypertension / Heart Failure Agents							
Aliskiren	◆	◆	◆	●	●	◆	◆
Ambrisentan	◆	◆	◆	◆	◆	◆	◆
Amiloride	◆	◆	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	+	+	◆	◆
Bosentan	▲	▲	■	■	■	◆	◆
Candesartan	◆	◆	◆	◆	◆	◆	◆
Captopril	◆	◆	◆	■	■	◆	◆
Chlortalidone	◆	◆	◆	◆	◆	◆	◆
Cilazapril	◆	◆	◆	◆	◆	◆	◆
Clonidine	◆	◆	◆	◆	◆	◆	◆
Digoxin	◆	◆	◆	■	■	◆	◆
Dopamine	◆	◆	◆	◆	◆	◆	◆
Doxazosin	◆	◆	◆	■	■	◆	◆
Enalapril	◆	◆	◆	◆	◆	◆	◆
Eplerenone	◆	◆	◆	●	●	◆	◆
Epoprostenol	◆	◆	◆	◆	◆	◆	◆
Erosartan	◆	◆	◆	◆	◆	◆	◆
Furosemide	◆	◆	◆	◆	▲	◆	◆
Hydralazine	◆	◆	◆	◆	■	▲	◆
Hydrochlorothiazide	◆	◆	◆	◆	◆	◆	◆
Iloprost	◆	◆	◆	◆	◆	◆	◆
Indapamide	◆	◆	◆	■	■	◆	◆
Irbesartan	◆	◆	◆	▲	▲	◆	◆
Isoorbide dinitrate	◆	◆	◆	■	■	▲	◆
Ivabradine	◆	◆	■	●	●	◆	◆
Labetalol	◆	◆	◆	■	■	◆	◆
Lacidipine	◆	◆	◆	■	■	◆	◆
Lercanidipine	◆	◆	◆	●	●	◆	◆
Lisinopril	◆	◆	◆	◆	◆	◆	◆
Losartan	◆	◆	◆	▲	▲	◆	◆
Macitentan	◆	◆	◆	■	■	◆	◆
Methyldopa	◆	◆	◆	◆	◆	▲	◆
Metolazone	◆	◆	◆	◆	◆	◆	◆
Olmесartan	◆	◆	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆	◆	◆
Prazosin	◆	◆	◆	■	■	◆	◆
Quinapril	◆	◆	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆	◆	◆
Ranolazine	■	◆	■	●	●	■	◆
Riociguat	◆	◆	◆	■	■	◆	◆
Sacubitril	◆	◆	◆	◆	▲	▲	◆
Selexipag	◆	◆	◆	◆	◆	◆	◆
Sildenafil (PAH)	◆	◆	◆	●	●	◆	◆
Sodium nitroprusside	◆	◆	◆	◆	◆	▲	◆
Spironolactone	◆	◆	◆	◆	◆	◆	◆
Tadalafil (PAH)	◆	◆	◆	■	■	◆	◆
Telmisartan	◆	◆	◆	◆	◆	◆	◆
Terazosin	◆	◆	◆	■	■	◆	◆
Torasemide	◆	◆	◆	▲	▲	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	◆	◆	◆	◆
Valsartan	◆	◆	◆	◆	◆	◆	◆
Xipamide	◆	◆	◆	◆	◆	◆	◆

Key to abbreviations

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
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Interactions with Entry & Integrase Inhibitors

Charts revised October 2018. Full information available at www.hiv-druginteractions.org

Please note that if a drug is not listed it cannot automatically be assumed it is safe to coadminister.

	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Illicit/Recreational							
Alcohol	♦	♦	♦	♦	♦	♦	♦
Amphetamine	♦	♦	♦	♦	♦	♦	♦
Cannabis	♦	♦	♦	♦	♦	♦	♦
Cocaine	♦	♦	♦	♦	♦	♦	♦
Ecstasy (MDMA)	♦	♦	♦	♦	♦	♦	♦
GHB (Gamma-hydroxybutyrate)	♦	♦	♦	♦	♦	♦	♦
Heroin	♦	♦	♦	♦	♦	♦	♦
LSD (Lysergic acid diethylamide)	♦	♦	♦	♦	♦	♦	♦
Mephedrone	♦	♦	♦	♦	♦	♦	♦
Methamphetamine	♦	♦	♦	♦	♦	♦	♦
Phencyclidine (PCP)	♦	♦	♦	♦	♦	♦	♦
Poppers (Amyl nitrate)	♦	♦	♦	♦	♦	♦	♦
Immune Modulators							
Hydroxyurea (Hydroxycarbamide)	♦	♦	♦	♦	♦	♦	♦
Interferon alpha	♦	♦	♦	♦	♦	♦	♦
Interleukin 2 (Aldesleukin)	♦	♦	♦	♦	♦	♦	♦
Peginterferon alfa-2a	♦	♦	♦	♦	♦	♦	♦
Immunosuppressants							
Anti-thymocyte globulin	♦	♦	♦	♦	♦	♦	♦
Azathioprine	♦	♦	♦	♦	♦	♦	♦
Basiliximab	♦	♦	♦	♦	♦	♦	♦
Belatacept	♦	♦	♦	♦	♦	♦	♦
Ciclosporin	♦	♦	♦	♦	♦	♦	♦
Mycophenolate	♦	♦	♦	♦	♦	♦	♦
Sirolimus	♦	♦	♦	♦	♦	♦	♦
Tacrolimus	♦	♦	♦	♦	♦	♦	♦
Lipid Lowering Agents							
Atorvastatin	♦	♦	♦	♦	♦	♦	♦
Bezafibrate	♦	♦	♦	♦	♦	♦	♦
Clofibrate	♦	♦	♦	♦	♦	♦	♦
Ezetimibe	♦	♦	♦	♦	♦	♦	♦
Fenofibrate	♦	♦	♦	♦	♦	♦	♦
Fish oils	♦	♦	♦	♦	♦	♦	♦
Fluvastatin	♦	♦	♦	♦	♦	♦	♦
Gemfibrozil	♦	♦	♦	♦	♦	♦	♦
Lovastatin	♦	♦	♦	♦	♦	♦	♦
Pitavastatin	♦	♦	♦	♦	♦	♦	♦
Pravastatin	♦	♦	♦	♦	♦	♦	♦
Rosuvastatin	♦	♦	♦	♦	♦	♦	♦
Simvastatin	♦	♦	♦	♦	♦	♦	♦
Overactive Bladder Agents							
Darifenacin	♦	♦	♦	♦	♦	♦	♦
Fesoterodine	♦	♦	♦	♦	♦	♦	♦
Mirabegron	♦	♦	♦	♦	♦	♦	♦
Oxybutnin	♦	♦	♦	♦	♦	♦	♦
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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	BIC/ F/TAF	DTG	DTG/ RPV	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
Other							
Acetazolamide	♦	♦	♦	♦	♦	♦	♦
Acitretin	♦	♦	♦	♦	♦	♦	♦
Adrenaline (Epinephrine)	♦	♦	♦	♦	♦	♦	♦
Alendronic Acid	♦	♦	♦	♦	♦	♦	♦
Alfuzosin	♦	♦	♦	♦	♦	♦	♦
Allopurinol	♦	♦	♦	♦	♦	♦	♦
Atropine	♦	♦	♦	♦	♦	♦	♦
Baclofen	♦	♦	♦	♦	♦	♦	♦
Biperiden	♦	♦	♦	♦	♦	♦	♦
Caffeine citrate	♦	♦	♦	♦	♦	♦	♦
Carbamazole	♦	♦	♦	♦	♦	♦	♦
Clomifene	♦	♦	♦	♦	♦	♦	♦
Colchicine	♦	♦	♦	♦	♦	♦	♦
Cyproterone acetate	♦	♦	♦	♦	♦	♦	♦
Denosumab	♦	♦	♦	♦	♦	♦	♦
Disulfiram	♦	♦	♦	♦	♦	♦	♦
Dutasteride	♦	♦	♦	♦	♦	♦	♦
Finasteride	♦	♦	♦	♦	♦	♦	♦
Filbanserin	♦	♦	♦	♦	♦	♦	♦
Goserelin	♦	♦	♦	♦	♦	♦	♦
Ibandronic acid	♦	♦	♦	♦	♦	♦	♦
Isotretinoin	♦	♦	♦	♦	♦	♦	♦
Leuporelin	♦	♦	♦	♦	♦	♦	♦
Levothyroxine	♦	♦	♦	♦	♦	♦	♦
Mannitol	♦	♦	♦	♦	♦	♦	♦
Methylphenidate	♦	♦	♦	♦	♦	♦	♦
Modafinil	♦	♦	♦	♦	♦	♦	♦
Naftidrofuryl	♦	♦	♦	♦	♦	♦	♦
Naltrexone	♦	♦	♦	♦	♦	♦	♦
Neostigmine	♦	♦	♦	♦	♦	♦	♦
Nicorandil	♦	♦	♦	♦	♦	♦	♦
Orlistat	♦	♦	♦	♦	♦	♦	♦
Penicillamine	♦	♦	♦	♦	♦	♦	♦
Pentoxifylline	♦	♦	♦	♦	♦	♦	♦
Pilocarpine	♦	♦	♦	♦	♦	♦	♦
Potassium	♦	♦	♦	♦	♦	♦	♦
Probenecid	♦	♦	♦	♦	♦	♦	♦
Propylthiouracil	♦	♦	♦	♦	♦	♦	♦
Protamine sulphate	♦	♦	♦	♦	♦	♦	♦
Pyridostigmine	♦	♦	♦	♦	♦	♦	♦
Strontium ranelate	♦	♦	♦	♦	♦	♦	♦
Sulfasalazine	♦	♦	♦	♦	♦	♦	♦
Tamsulosin	♦	♦	♦	♦	♦	♦	♦
Thalidomide	♦	♦	♦	♦	♦	♦	♦
Tranexamic acid	♦	♦	♦	♦	♦	♦	♦
Triptorelin	♦	♦	♦	♦	♦	♦	♦
Varenicline	♦	♦	♦	♦	♦	♦	♦
Zoledronic acid	♦	♦	♦	♦	♦	♦	♦

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