

# Interactions with Integrase Inhibitors

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

	BIC/FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/FTC/TAF	EVG/C/FTC/DF	RAL
<b>Anaesthetics &amp; Muscle Relaxants</b>										
Alcuronium	■	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bupivacaine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cisatracurium	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Desflurane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dexmedetomidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Enflurane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ephedrine	■	♦	♦	♦	♦	♦	♦	♦	♦	♦
Etidocaine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Halothane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Isoflurane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ketamine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Minaxolone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nitrous oxide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Propofol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rocuronium	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sevoflurane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sufentanil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Suxamethonium (succinylcholine)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tetracaine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Thiopental	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tizanidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vecuronium	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Analgesics</b>										
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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tapentadol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tramadol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Anthelmintics</b>										
Albendazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Diethylcarbamazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ivermectin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Levamisole (Ergamisol)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mebendazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Niclosamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Oxamniquine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Praziquantel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pyrantel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Suramin sodium	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Triclabendazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Antiarrhythmics</b>										
Amiodarone	■	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bepidil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Digoxin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Disopyramide	■	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dofetilide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Flecainide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lidocaine (Lignocaine)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mexiletine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Propafenone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Quinidine	■	♦	♦	♦	♦	♦	♦	♦	♦	♦

	BIC/FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/FTC/TAF	EVG/C/FTC/DF	RAL
<b>Antibacterials</b>										
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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Piperacillin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pyrazinamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifabutin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifampicin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifapentine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifaximin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Spectinomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Streptomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sulfadiazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tazobactam	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Telithromycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tetracyclines	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tinidazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Trimethoprim/Sulfamethoxazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vancomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Anti-coagulant, Anti-platelet and Fibrinolytic</b>										
Acenocoumarol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Apixaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Argatroban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Aspirin (anti-platelet)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Betrixaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Clopidogrel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dabigatran	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dalteparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dipyridamole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Edoxaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Enoxaparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fondaparinux	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Heparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Phenprocoumon	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Prasugrel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rivaroxaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Streptokinase	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ticagrelor	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Warfarin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

For personal use only. Not for distribution.

**Key to abbreviations**

BIC/FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)	DTG/3TC	Dolutegravir + Lamivudine (Dovato®)
CAB	Cabotegravir (Vocabria®; oral and injection)	DTG/RPV	Dolutegravir + Rilpivirine (Juluca®)
CAB/RPV	Cabotegravir/rilpivirine (long acting), (CAB/RPV, Cabenuva®; RPV, Rekamby®)	EVG/C/FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
DTG	Dolutegravir (Tivicay®)	EVG/C/FTC/DF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
DTG/ABC/3TC	Dolutegravir + Abacavir + Lamivudine (Triumeq®)	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

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

# Interactions with Integrase Inhibitors

Charts revised February 2021. 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/FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/FTC/TAF	EVG/C/FTC/DF	RAL
<b>Anticonvulsants</b>										
Carbamazepine	●	●	●	■	■	■	●	●	●	■
Clonazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eslicarbazepine	●	●	●	■	■	■	●	●	●	■
Ethosuximide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gabapentin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxcarbazepine	●	●	●	■	■	■	●	●	●	■
Phenobarbital (Phenobarbitone)	●	●	●	■	■	■	●	●	●	■
Phenytoin	●	●	●	■	■	■	●	●	●	■
Pregabalin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Primidone	●	●	●	■	■	■	●	●	●	■
Tiagabine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Topiramate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valproate (Divalproex)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vigabatrin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zonisamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Antidepressants</b>										
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	◆	◆	▲	◆	◆	◆	▲	▲	▲	◆
Vortioxetine	◆	◆	◆	◆	◆	◆	▲	▲	▲	◆
<b>Anti-diabetics</b>										
Acarbose	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Alogliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Canagliflozin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dapagliflozin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dulaglutide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Empagliflozin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Exenatide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	◆	◆	◆	■	■	■	◆
Gliclazide	◆	◆	◆	◆	◆	◆	■	■	■	◆
Glimepiride	◆	◆	◆	◆	◆	◆	■	■	■	◆
Glipizide	◆	◆	◆	◆	◆	◆	■	■	■	◆
Insulin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Liraglutide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metformin	■	◆	◆	■	■	■	■	■	■	◆
Nateglinide	◆	◆	◆	◆	◆	◆	■	■	■	◆
Pioglitazone	◆	◆	◆	◆	◆	◆	▲	▲	▲	◆
Repaglinide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rosiglitazone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	◆	◆	◆	■	■	■	◆
Sitagliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	◆	◆	◆	■	■	■	◆
Vildagliptin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

BIC/FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)	DTG/3TC	Dolutegravir + Lamivudine (Dovato®)
CAB	Cabotegravir (Vocabria®; oral and injection)	DTG/RPV	Dolutegravir + Rilpivirine (Juluca®)
CAB/RPV	Cabotegravir/rilpivirine (long acting), (CAB/RPV, Cabenuva®; RPV, Rekamby®)	EVG/C/FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
DTG	Dolutegravir (Tivicay®)	EVG/C/FTC/DF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
DTG/ABC/3TC	Dolutegravir + Abacavir + Lamivudine (Triumeq®)	RAL	Raltegravir (Isentress®)

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

	BIC/FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/FTC/TAF	EVG/C/FTC/DF	RAL
<b>Antifungals</b>										
Amphotericin B	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anidulafungin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluconazole	◆	◆	▲	◆	◆	◆	▲	▲	▲	◆
Fluocytosine	■	◆	◆	■	■	■	◆	◆	◆	◆
Griseofulvin	■	■	●	◆	◆	◆	■	■	■	◆
Itraconazole	■	▲	◆	◆	◆	◆	▲	▲	▲	◆
Ketoconazole	■	◆	◆	◆	◆	◆	▲	▲	▲	◆
Miconazole	◆	▲	◆	◆	◆	◆	▲	▲	▲	◆
Nystatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Posaconazole	▲	▲	◆	◆	◆	◆	▲	▲	▲	◆
Terbinafine	◆	◆	◆	◆	◆	◆	▲	▲	▲	◆
Voriconazole	▲	▲	◆	◆	◆	◆	▲	▲	▲	◆
<b>Antihistamines</b>										
Astemizole	◆	◆	■	◆	◆	◆	■	●	●	◆
Cetirizine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlorphenamine	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆
Diphenhydramine	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆
Fexofenadine	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆
Levocetirizine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Loratadine	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆
Promethazine	◆	◆	◆	◆	◆	◆	◆	▲	▲	◆
Terfenadine	◆	◆	■	◆	◆	◆	■	●	●	◆
<b>Antimigraine Agents</b>										
Almotriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dihydroergotamine	◆	◆	▲	◆	◆	◆	▲	●	●	◆
Eletriptan	◆	◆	◆	◆	◆	◆	◆	●	●	◆
Ergotamine	◆	◆	▲	◆	◆	◆	▲	●	●	◆
Rizatriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sumatriptan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zolmitriptan	◆	◆	◆	◆	◆	◆	◆	■	■	◆
<b>Antiprotozoals</b>										
Amodiaquine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Artemisinin	▲	◆	■	◆	◆	◆	▲	■	■	◆
Atovaquone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benznidazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chloroquine	◆	◆	■	◆	◆	◆	◆	▲	▲	◆
Diloxanide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eflornithine	▲	◆	◆	▲	▲	▲	◆	◆	◆	◆
Halofantrine	◆	◆	■	◆	◆	◆	■	●	●	◆
Hydroxychloroquine	■	◆	■	◆	◆	◆	■	▲	▲	◆
Lumefantrine	◆	◆	▲	◆	◆	◆	▲	■	■	◆
Mefloquine	◆	◆	▲	◆	◆	◆	◆	■	■	◆
Meglumine antimoniate	◆	◆	■	◆	◆	◆	◆	■	■	◆
Melarsoprol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Miltefosine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nifurtimox	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Paromomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pentamidine	◆	◆	■	◆	◆	◆	◆	◆	■	◆
Piperazine	▲	◆	◆	◆	◆	◆	◆	■	■	◆
Primaquine	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Proguanil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pyrimethamine	▲	◆	◆	◆	◆	◆	▲	▲	▲	◆
Quinine	◆	◆	■	◆	◆	◆	◆	■	■	◆
Sodium stibogluconate	◆	◆	■	◆	◆	◆	◆	■	■	◆
Sulfadoxine	▲	◆	◆	◆	◆	◆	◆	▲	▲	◆
<b>Antipsychotics/Neuroleptics</b>										
Amisulpride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Aripiprazole	◆	◆	▲	◆	◆	◆	◆	▲	■	◆
Asenapine	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Chlorpromazine	◆	◆	■	◆	◆	◆	◆	■	■	◆
Clozapine	◆	◆	▲	◆	◆	◆	◆	▲	■	◆
Fluphenazine	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Haloperidol	◆	◆	■	◆	◆	◆	◆	■	■	◆
Iloperidone	◆	◆	▲	◆	◆	◆	◆	▲	■	◆
Levomopromazine	◆	◆	■	◆	◆	◆	◆	■	▲	◆
Olanzapine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Paliperidone	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Perazine	◆	◆	▲	◆	◆	◆	◆	▲	■	◆
Pericazine	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Perphenazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pimozide	◆	◆	■	◆	◆	◆	◆	■	●	◆
Pipotiazine	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Quetiapine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Risperidone	◆	◆	■	◆	◆	◆	◆	■	■	◆
Sulpiride	◆	◆	■	◆	◆	◆	◆	■	■	◆
Thioridazine	■	◆	●	◆	◆	◆	◆	▲	▲	◆
Tiapride	◆	◆	▲	◆	◆	◆	◆	▲	▲	◆
Ziprasidone	◆	◆	●	◆	◆	◆	◆	■	■	◆
Zotepine	◆	◆	▲	◆	◆	◆	◆	▲	■	◆
Zuclopentixol	◆	◆	▲	◆	◆	◆	◆	▲	■	◆

**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

# Interactions with Integrase Inhibitors

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

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/TDF	RAL
<b>Antivirals</b>										
Aciclovir										
Adefovir	●									
Amantadine				▲	▲	▲	▲			
Cidofovir								■	■	■
Daclatasvir								■	■	■
Elbasvir/Grazoprevir								●	●	
Entecavir										
Famciclovir										
Foscarnet										
Ganciclovir									■	■
Glecaprevir/Pibrentasvir	▲									
Ledipasvir/Sofosbuvir									■	■
Ombitasvir/Paritaprevir/r	■	■						●	●	
Ombitasvir/Paritaprevir/r + Dasabuvir	■	■						●	●	
Osetamivir										
Remdesivir										
Ribavirin										
Rimantadine										
Simeprevir								●	●	
Sofosbuvir										
Sofosbuvir/Velpatasvir									■	■
Sofosbuvir/Velpatasvir/Voxilaprevir									■	■
Telbivudine										
Tenofovir alafenamide (HBV)	●							●	●	
Valaciclovir									■	■
Zanamivir										
<b>Anxiolytics/Hypnotics/ Sedatives</b>										
Alprazolam								■	■	■
Bromazepam								▲	▲	▲
Buspirone								■	■	■
Chlordiazepoxide								■	■	■
Clobazam	▲		■	▲	▲	▲	▲	■	■	■
Clorazepate								■	■	■
Diazepam								■	■	■
Estazolam								■	■	■
Flunitrazepam								■	■	■
Flurazepam								■	■	■
Hydroxyzine								■	■	■
Lorazepam								■	■	■
Lormetazepam								■	■	■
Midazolam (oral)								●	●	
Midazolam (parenteral)								■	■	■
Oxazepam								■	■	■
Temazepam								■	■	■
Triazolam								●	●	
Zaleplon								▲	▲	▲
Zolpidem								▲	▲	▲
Zopiclone								■	■	■
<b>Beta Blockers</b>										
Atenolol	■		■	■	■	■	■	■	■	■
Bisoprolol								▲	▲	▲
Carvedilol								▲	▲	▲
Metoprolol								▲	▲	▲
Nebivolol								▲	▲	▲
Oxprenolol								▲	▲	▲
Pindolol								▲	▲	▲
Propranolol								▲	▲	▲
Timolol								▲	▲	▲
<b>Bronchodilators</b>										
Acclidinium bromide										
Aminophylline										
Formoterol			▲				▲			
Glycopyrronium bromide										
Indacaterol										
Ipratropium bromide										
Montelukast									▲	▲
Olodaterol									▲	▲
Roflumilast									▲	▲
Salbutamol									▲	▲
Salmeterol									▲	▲
Theophylline									▲	▲
Tiotropium bromide									▲	▲
Umeclidinium bromide									▲	▲
Vilanterol									▲	▲

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/TDF	RAL
<b>Calcium Channel Blockers</b>										
Amlodipine	▲									
Diltiazem	▲									
Felodipine										
Nicardipine										
Nifedipine										
Nisoldipine										
Nitrendipine										
Verapamil	■		▲							
<b>Cancer Therapies</b>										
Anastrozole									■	■
Asparaginase										
Bevacizumab										
Bexarotene			●					■	■	■
Bleomycin										
Bortezomib			▲					▲		
Brentuximab vedotin									■	■
Capecitabine	▲							▲	▲	
Carboplatin										
Cetuximab										
Chlorambucil										
Cisplatin										
Cyclophosphamide									■	■
Cytarabine										
Dacarbazine									■	■
Dactinomycin										
Dasatinib			▲					▲	■	■
Daunorubicin			▲					▲		
Docetaxel			■					■	■	■
Doxorubicin			■					■	■	■
Droloxifene										
Enzalutamide		●	●	■	■	■	■	●	●	■
Epirubicin			▲					▲		
Erlotinib									■	■
Estramustine										
Etoposide									■	■
Everolimus									●	●
Exemestane										
Fludarabine										
Fluorouracil	▲							▲	▲	
Formestane										
Gefitinib									■	■
Gemcitabine									■	■
Ifosfamide		●						■	■	■
Imatinib			■					■	■	■
Irinotecan									■	■
Lapatinib			▲					▲	■	■
Lenalidomide		■							■	■
Letrozole									■	■
Mercaptopurine										
Mesna										▲
Methotrexate		■	■							■
Mitoxantrone			▲					▲	■	■
Nilotinib			▲					▲		
Oxaliplatin		■	■					■	■	■
Paclitaxel									■	■
Pazopanib			▲					▲	■	■
Polatuzumab vedotin									■	■
Procabazine										
Rituximab										
Sorafenib									■	■
Sunitinib			▲					▲	■	■
Tamoxifen		■							■	■
Temsirolimus			▲					▲	■	■
Topotecan			■					■	■	■
Toremifene			▲					▲	■	■
Trastuzumab									■	■
Trastuzumab emtansine									■	■
Vinblastine		■	■					■	■	■
Vincristine									■	■
Vinorelbine									■	■
Vorinostat			▲					▲		

For personal use only. Not for distribution. For personal use only. Not for distribution. For personal use only. Not for distribution.

### Key to abbreviations

BIC/FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)	DTG/3TC	Dolutegravir + Lamivudine (Dovato®)
CAB	Cabotegravir (Vocabria®: oral and injection)	DTG/RPV	Dolutegravir + Rilpivirine (Juluca®)
CAB/RPV	Cabotegravir/rilpivirine (long acting), (CAB/RPV, Cabenuva®: RPV, Rekambys®)	EVG/C/FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
DTG	Dolutegravir (Tivicay®)	EVG/C/FTC/TDF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
DTG/ABC/3TC	Dolutegravir + Abacavir + Lamivudine (Triumeq®)	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

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

© Liverpool Drug Interaction Group, University of Liverpool, Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

We aim to ensure that information is accurate and consistent with current knowledge and practice. However, the University of Liverpool and its servants or agents shall not be responsible or in any way liable for the continued currency of information in this publication whether arising from negligence or otherwise howsoever or for any consequences arising therefrom. The University of Liverpool expressly exclude liability for errors, omissions or inaccuracies to the fullest extent permitted by law.

# Interactions with Integrase Inhibitors

Charts revised February 2021. Full information available at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org)

Page 4 of 5

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

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/DF	RAL
<b>Contraceptives/HRT</b>										
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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Erectile Dysfunctional Agents</b>										
Avanafil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sildenafil (Erectile Dysfunction)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tadalafil (Erectile Dysfunction)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vardenafil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Gastrointestinal Agents</b>										
Alosetron	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Antacids	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bisacodyl	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cimetidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cisapride	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dexlansoprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Esomeprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Famotidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lactulose	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lansoprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Loperamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mesalazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Omeprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pantoprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Prucalopride	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rabeprazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ranitidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Senna	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Gastrointestinal Agents (anti-emetics)</b>										
Aprepitant	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dolasetron	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Domperidone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dronabinol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Granisetron	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Metoclopramide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ondansetron	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Prochlorperazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Herbals/Supplements/Vitamins</b>										
African potato	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Aloe vera	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ascorbic Acid (vitamin C) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ascorbic Acid [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Calcium supplements	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cat's claw (Uncaria tomentosa)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Colecalciferol (vitamin D3) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Colecalciferol [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cubeb pepper (Piper cubeba)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cyanocobalamin [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cyanocobalamin [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Echinacea	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Eucalyptus globulus	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ferrous fumarate	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Folic acid [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Folic acid [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Garlic	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ginger (Zingiber officinale)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ginkgo biloba	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Goldenseal root (Hydrastis canadensis)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Grapefruit juice	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Guggulsterone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

**Key to abbreviations**

BIC/ FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)	DTG/3TC	Dolutegravir + Lamivudine (Dovato®)
CAB	Cabotegravir (Vocabria®; oral and injection)	DTG/RPV	Dolutegravir + Rilpivirine (Juluca®)
CAB/RPV	Cabotegravir/rilpivirine (long acting), (CAB/RPV, Cabenuva®; RPV, Rekamby®)	EVG/C/ FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
DTG	Dolutegravir (Tivicay®)	EVG/C/ FTC/DF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
DTG/ABC/3TC	Dolutegravir + Abacavir + Lamivudine (Triumeq®)	RAL	Raltegravir (Isentress®)

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/DF	RAL
<b>Herbals/Supplements/Vitamins (continued)</b>										
Hops (Humulus lupulus)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Inula racemosa	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Iodine [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Iodine [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Iron supplements	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Liquorice (Glycyrrhiza glabra)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Magnesium supplements	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Malabar nut tree	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Menthol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Milk thistle (silymarin)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Multivitamins	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nicotinamide [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nicotinamide [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Phytomenadione (vitamin K) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Phytomenadione [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pyridoxine (vitamin B6) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pyridoxine [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Quercetin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Red yeast rice	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Retinol (vitamin A) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Retinol (vitamin A) [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Riboflavin (vitamin B2) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Riboflavin [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Saw palmetto (Serenoa repens)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Seville orange juice	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
St John's Wort	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Thiamine (vitamin B1) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Thiamine [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tocopherol (vitamin E) [alone]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tocopherol (vitamin E) [in multivitamins]	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Turmeric (Curcuma longa)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Valerian	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Hypertension / Heart Failure Agents</b>										
Aliskiren	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ambrisentan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Amiloride	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Benazepril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bendroflumethiazide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bosentan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Candesartan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Captopril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Chlorthalidone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cilazapril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Clonidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dopamine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Doxazosin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Enalapril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Eplerenone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Epoprostenol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Eprosartan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fosinopril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Furosemide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Hydralazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Hydrochlorothiazide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Iloprost	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Indapamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Irbesartan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Isoorbide dinitrate	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ivabradine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Labetalol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lacidipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lercanidipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lisinopril	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Losartan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Macitentan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Methyldopa	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Metolazone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Moxonidine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Olmesartan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

# Interactions with Integrase Inhibitors

Charts revised February 2021. Full information available at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org)

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

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/TDF	RAL
<b>Illicit/Recreational</b>										
Alcohol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amphetamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cannabis	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cocaine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ecstasy (MDMA)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
GHB (Gamma-hydroxybutyrate)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Heroin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
LSD (Lysergic acid diethylamide)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mephedrone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methamphetamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Phencyclidine (PCP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Poppers (Amyl nitrate)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Immune Modulators</b>										
Hydroxyurea (Hydroxycarbamide)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Interferon alpha	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Interleukin 2 (Aldesleukin)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Peginterferon alfa-2a	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Peginterferon alfa-2b	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Immunosuppressants</b>										
Adalimumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Anti-thymocyte globulin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Basiliximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Belatacept	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mycophenolate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sirolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tacrolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Lipid Lowering Agents</b>										
Atorvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bezafibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clofibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Evolocumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ezetimibe	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fenofibrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fish oils	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gemfibrozil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Lovastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pitavastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pravastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rosuvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simvastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Overactive Bladder Agents</b>										
Darifenacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fesoterodine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mirabegron	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxybutynin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Solifenacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tolterodine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trospium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Oxytocics</b>										
Ergometrine (Ergonovine)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mifepristone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Misoprostol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxytocin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Parkinsonism Agents</b>										
Apomorphine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Benserazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cabergoline (Parkinson's)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carbidopa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levodopa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pramipexole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rasagiline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ropinirole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Steroids</b>										
Beclomethasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Betamethasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Budesonide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ciclesonide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clobetasol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dexamethasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fludrocortisone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flunisolide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluocinolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fluticasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Hydrocortisone (oral)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Hydrocortisone (topical)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Megestrol acetate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylprednisolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mometasone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nandrolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oxandrolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prednisolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prednisone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Stanozolol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Testosterone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Triamcinolone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

BIC/FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)	DTG/3TC	Dolutegravir + Lamivudine (Dovato®)
CAB	Cabotegravir (Vocabria®; oral and injection)	DTG/RPV	Dolutegravir + Rilpivirine (Juluca®)
CAB/RPV	Cabotegravir/rilpivirine (long acting), (CAB/RPV, Cabenuva®; RPV, Rekambys®)	EVG/C/FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
DTG	Dolutegravir (Tivicay®)	EVG/C/FTC/TDF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
DTG/ABC/3TC	Dolutegravir + Abacavir + Lamivudine (Triumeq®)	RAL	Raltegravir (Isentress®)

	BIC/ FTC/TAF	CAB (oral)	CAB/RPV	DTG	DTG/ ABC/3TC	DTG/3TC	DTG/RPV	EVG/C/ FTC/TAF	EVG/C/ FTC/TDF	RAL
<b>Other</b>										
Acamprosate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Acetazolamide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Acitretin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Adrenaline (Epinephrine)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Alendronic Acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Alfuzosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Allopurinol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Atomoxetine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Betahistine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Biperiden	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Brimonidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cabergoline (lactation suppression)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Caffeine citrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Calcium folinate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cannabidiol (CBD)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Carbimazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clomifene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Colchicine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Colestyramine (Cholestyramine)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cyproterone acetate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Denosumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eltrombopag	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fampridine (Dalfampridine)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Filgrastim	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Finasteride	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flibanserin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Glycerol trinitrate (Nitroglycerin)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Goserelin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ibandronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isotretinoin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Leuprorelin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levothyroxine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mannitol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Methylphenidate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Modafinil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naftidrofuryl	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naloxone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Naltrexone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Neostigmine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nicorandil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Orlistat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Penicillamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pentoxifylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pilocarpine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Potassium	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Probenecid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Propylthiouracil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Protamine sulphate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Pyridostigmine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sevelamer	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Strontium ranelate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sulfasalazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tamsulosin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Thalidomide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Triptorelin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ursodeoxychoic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Varenicline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zoledronic acid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

For personal use only. Not for distribution. For personal use only. Not for distribution. For personal use only. Not for distribution.

**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

Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the