

Interactions with Entry & Integrase Inhibitors

Charts revised June 2019. 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
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	◆	◆	◆	◆	■	◆	◆
Tapentadol	◆	◆	◆	◆	◆	◆	◆
Tramadol	◆	◆	◆	▲	▲	◆	◆
Anthelmintics							
Albendazole	◆	◆	◆	▲	▲	◆	◆
Diethylcarbamazine	◆	◆	◆	◆	◆	◆	◆
Ivermectin	◆	◆	◆	▲	▲	◆	◆
Levamisole (Ergamisol)	◆	◆	◆	◆	◆	◆	◆
Mebendazole	◆	◆	◆	■	■	◆	◆
Niclosamide	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	●	●	◆	◆
Argatroban	◆	◆	◆	◆	◆	◆	◆
Aspirin (anti-platelet)	◆	◆	◆	◆	◆	◆	◆
Betrixaban	◆	◆	◆	■	■	◆	◆
Clopidogrel	◆	◆	◆	●	●	◆	◆
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

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	◆	◆	◆	■	■	◆	◆
Eslicarbazepine	●	●	●	■	■	■	■
Ethosuximide	◆	◆	◆	■	■	◆	◆
Gabapentin	◆	◆	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆	◆	◆
Oxcarbazepine	●	●	●	■	■	■	■
Phenobarbital (Phenobarbitone)	●	●	●	●	●	■	■
Phenytoin	●	●	●	●	●	■	■
Pregabalin	◆	◆	◆	◆	◆	◆	◆
Primidone	●	●	●	■	■	■	■
Tiagabine	◆	◆	◆	■	■	◆	◆
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	◆	◆	◆	▲	▲	◆	◆
Vortioxetine	◆	◆	◆	▲	▲	◆	◆
Anti-diabetics							
Acarbose	◆	◆	◆	◆	◆	◆	◆
Canagliflozin	◆	◆	◆	◆	■	◆	◆
Dapagliflozin	◆	◆	◆	◆	◆	◆	◆
Dulaglutide	◆	◆	■	◆	◆	◆	◆
Empagliflozin	◆	◆	◆	◆	◆	◆	◆
Exanatide	◆	◆	■	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	■	■	◆	◆
Glizalide	◆	◆	◆	■	■	◆	◆
Glimepiride	◆	◆	◆	■	■	◆	◆
Glipizide	◆	◆	◆	■	■	◆	◆
Insulin	◆	◆	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	◆	◆	◆	◆
Liraglutide	◆	◆	■	◆	◆	◆	◆
Metformin	■	■	■	■	■	◆	◆
Nateglinide	◆	◆	◆	◆	◆	◆	◆
Pioglitazone	◆	◆	◆	▲	▲	◆	◆
Repaglinide	◆	◆	◆	■	■	◆	◆
Rosiglitazone	◆	◆	◆	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	■	■	◆	◆
Sitagliptin	◆	◆	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	■	■	◆	◆
Vildagliptin	◆	◆	◆	◆	◆	◆	◆

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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	◆	◆	▲	◆	■	◆	◆
Piperaquine	▲	◆	■	■	■	▲	◆
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

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 June 2019. 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	♦	♦	♦	■	♦	♦	♦
Eibasvir/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	♦	♦	♦	♦	♦	♦	♦
Tenofovir alafenamide (HBV)	●	♦	♦	●	●	♦	♦
Valaciclovir	♦	♦	♦	♦	■	♦	♦
Zanamivir	♦	♦	♦	♦	♦	♦	♦
Anxiolytics/Hypnotics/ Sedatives							
Alprazolam	♦	♦	♦	▲	▲	♦	♦
Bromazepam	♦	♦	♦	■	■	♦	♦
Bupirone	♦	♦	♦	■	■	♦	♦
Chlordiazepoxide	♦	♦	♦	■	■	♦	♦
Clobazam	▲	▲	▲	■	■	▲	♦
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	♦	♦	♦	♦	♦	♦	♦
Cetuximab	♦	♦	♦	♦	♦	♦	♦
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™)
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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

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

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

Main table with columns for drug classes (Contraceptives/HRT, Erectile Dysfunctional Agents, Gastrointestinal Agents, etc.) and interaction symbols (BIC/F/TAF, DTG, DTG/RPV, E/C/F/TAF, E/C/F/TDF, MVC, RAL).

Continuation of the main table, listing Herbs/Supplements/Vitamins (continued) and Hypertension / Heart Failure Agents with their interaction symbols.

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Key to abbreviations

Table defining abbreviations: BIC/F/TAF (Bictegravir + Emtricitabine + Tenofovir alafenamide), DTG (Dolutegravir), DTG/RPV (Dolutegravir + Rilpivirine), E/C/F/TAF (Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide), E/C/F/TDF (Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate), MVC (Maraviroc), RAL (Raltegravir).

Key to symbols

Table defining symbols: Red circle (These drugs should not be coadministered), Orange square (Potential interaction), Yellow triangle (Potential interaction likely to be of weak intensity), Green diamond (No clinically significant interaction expected).

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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	■	◆	◆	■	◆	◆	◆
Peginterferon alfa-2b	■	◆	◆	■	◆	◆	◆
Immunosuppressants							
Adalimumab	◆	◆	◆	◆	◆	◆	◆
Anti-thymocyte globulin	◆	◆	◆	◆	◆	◆	◆
Azathioprine	◆	◆	◆	◆	◆	◆	◆
Basiliximab	◆	◆	◆	◆	◆	◆	◆
Belatacept	◆	◆	◆	◆	◆	◆	◆
Ciclosporin	■	◆	▲	■	■	▲	◆
Mycophenolate	◆	◆	◆	◆	◆	◆	◆
Sirolimus	◆	◆	◆	●	●	◆	◆
Tacrolimus	◆	◆	◆	■	■	◆	◆
Lipid Lowering Agents							
Atorvastatin	◆	◆	◆	■	■	◆	◆
Bezafibrate	◆	◆	◆	◆	◆	◆	◆
Clofibrate	◆	◆	◆	◆	◆	◆	◆
Evolocumab	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆
Ropinrole	◆	◆	◆	◆	◆	◆	◆
Steroids							
Beclomethasone	◆	◆	◆	◆	◆	◆	◆
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							
Acamprosate	▲	◆	◆	▲	◆	◆	◆
Acetazolamide	◆	◆	◆	◆	■	◆	◆
Acitretin	◆	◆	◆	◆	◆	◆	◆
Adrenaline (Epinephrine)	◆	◆	◆	◆	◆	◆	◆
Alendronic Acid	◆	◆	◆	◆	◆	◆	◆
Alfuzosin	◆	◆	◆	●	●	◆	◆
Allopurinol	◆	◆	◆	◆	◆	◆	◆
Atropine	◆	◆	◆	◆	◆	◆	◆
Baclofen	◆	◆	◆	◆	◆	◆	◆
Betahistine	◆	◆	◆	◆	◆	◆	◆
Biperiden	◆	◆	◆	◆	◆	◆	◆
Caffeine citrate	◆	◆	◆	◆	◆	◆	◆
Calcium folinate	▲	▲	▲	▲	▲	◆	▲
Cannabidiol (CBD)	◆	◆	◆	■	■	◆	◆
Carbimazole	◆	◆	◆	◆	◆	◆	◆
Clomifene	◆	◆	◆	▲	▲	◆	◆
Colchicine	◆	◆	◆	■	■	◆	◆
Cyproterone acetate	◆	◆	◆	■	■	◆	◆
Denosumab	◆	◆	◆	◆	◆	◆	◆
Disulfiram	◆	◆	◆	◆	◆	◆	◆
Dutasteride	◆	◆	◆	■	■	◆	◆
Finasteride	◆	◆	◆	◆	◆	◆	◆
Fibanserin	◆	◆	▲	●	●	▲	◆
Glyceril 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	▲	▲	▲	▲	▲	◆	◆
Strontium ranelate	■	■	■	■	■	▲	■
Sulfasalazine	◆	◆	◆	◆	◆	◆	◆
Tamsulosin	◆	◆	◆	■	■	◆	◆
Thalidomide	◆	◆	◆	◆	◆	◆	◆
Tranexamic acid	◆	◆	◆	◆	◆	◆	◆
Triptorelin	◆	◆	◆	◆	◆	◆	◆
Varenicline	◆	◆	◆	◆	◆	◆	◆
Zoledronic acid	◆	◆	◆	◆	■	◆	◆

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

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

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