

# Interactions with Entry & Integrase Inhibitors

Charts revised May 2018. 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/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Anaesthetics &amp; Muscle Relaxants</b>						
Alcuronium	■	■	▲	▲	◆	◆
Bupivacaine	◆	◆	◆	◆	◆	◆
Cisatracurium	◆	◆	◆	◆	◆	◆
Desflurane	◆	◆	◆	◆	◆	◆
Dexmedetomidine	◆	◆	◆	◆	◆	◆
Enflurane	◆	◆	◆	◆	◆	◆
Ephedrine	■	■	◆	◆	◆	◆
Halothane	◆	◆	◆	◆	◆	◆
Isoflurane	◆	◆	◆	◆	◆	◆
Ketamine	◆	◆	■	■	◆	◆
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	◆	◆	◆	■	◆	◆
Tramadol	◆	◆	▲	▲	◆	◆
<b>Anthelmintics</b>						
Albendazole	◆	◆	▲	▲	◆	◆
Diethylcarbamazine	◆	◆	◆	◆	◆	◆
Ivermectin	◆	◆	▲	▲	◆	◆
Levamisole (Ergamisol)	◆	◆	◆	◆	◆	◆
Mebendazole	◆	◆	■	■	◆	◆
Niclosamide	◆	◆	◆	◆	◆	◆
Oxamniquine	◆	◆	▲	▲	◆	◆
Praziquantel	◆	◆	■	■	◆	◆
Pyrantel	◆	◆	◆	◆	◆	◆
Suramin sodium	◆	◆	◆	◆	◆	◆
Triclabendazole	◆	◆	▲	▲	◆	◆
<b>Antiarrhythmics</b>						
Amiodarone	■	◆	●	●	◆	◆
Bepidil	■	◆	■	■	◆	◆
Disopyramide	■	■	■	■	◆	◆
Dofetilide	●	●	●	●	◆	◆
Flecainide	■	◆	■	■	◆	◆
Lidocaine (Lignocaine)	◆	◆	■	■	◆	◆
Mexiletine	◆	◆	■	■	◆	◆
Propafenone	◆	◆	■	■	◆	◆
Quinidine	■	◆	●	●	◆	◆
<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	◆	◆	◆	◆	◆	◆
Doxycycline	◆	◆	◆	◆	◆	◆

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	BIC/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Antibacterials (continued)</b>						
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	◆	◆	◆	◆	◆	◆
<b>Anti-coagulant, Anti-platelet and Fibrinolytic</b>						
Acenocoumarol	◆	◆	■	■	◆	◆
Apixaban	◆	◆	●	●	◆	◆
Aspirin (anti-platelet)	◆	◆	◆	◆	◆	◆
Clopidogrel	◆	◆	●	●	◆	◆
Dabigatran	◆	◆	●	●	◆	◆
Dalteparin	◆	◆	◆	◆	◆	◆
Dipyridamole	◆	◆	■	■	◆	◆
Edoxaban	◆	◆	■	■	◆	◆
Eltrombopag	◆	◆	◆	◆	◆	◆
Enoxaparin	◆	◆	◆	◆	◆	◆
Fondaparinux	◆	◆	◆	◆	◆	◆
Heparin	◆	◆	◆	◆	◆	◆
Phenprocoumon	◆	◆	■	■	◆	◆
Prasugrel	◆	◆	◆	◆	◆	◆
Rivaroxaban	◆	◆	●	●	◆	◆
Streptokinase	◆	◆	◆	◆	◆	◆
Ticagrelor	◆	◆	●	●	◆	◆
Warfarin	◆	◆	■	■	◆	◆
<b>Anticonvulsants</b>						
Carbamazepine	●	■	●	●	■	■
Clonazepam	◆	◆	◆	◆	◆	◆
Ethosuximide	◆	◆	■	■	◆	◆
Gabapentin	◆	◆	◆	◆	◆	◆
Lacosamide	◆	◆	◆	◆	◆	◆
Lamotrigine	◆	◆	◆	◆	◆	◆
Levetiracetam	◆	◆	◆	◆	◆	◆
Oxcarbazepine	◆	◆	◆	◆	■	■
Phenobarbital (Phenobarbitone)	●	●	●	●	■	■
Phenytoin	●	●	●	●	■	■
Pregabalin	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆
Tranlycypromine	◆	◆	◆	■	◆	◆
Trazodone	◆	◆	◆	◆	◆	◆
Trimipramine	◆	◆	◆	▲	◆	◆
Venlafaxine	◆	◆	▲	▲	▲	◆

**Key to abbreviations**

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
DTG	Dolutegravir (Tivicay®)
E/C/F/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Covivio®)
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	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Anti-diabetics</b>						
Acarbose	◆	◆	◆	◆	◆	◆
Empagliflozin	◆	◆	◆	◆	◆	◆
Exanatide	◆	◆	◆	◆	◆	◆
Glibenclamide (Glyburide)	◆	◆	◆	◆	◆	◆
Gluclazide	◆	◆	◆	◆	◆	◆
Glimepiride	◆	◆	◆	◆	◆	◆
Glipizide	◆	◆	◆	◆	◆	◆
Insulin	◆	◆	◆	◆	◆	◆
Linagliptin	◆	◆	◆	◆	◆	◆
Liraglutide	◆	◆	◆	◆	◆	◆
Metformin	◆	◆	◆	◆	◆	◆
Nateglinide	◆	◆	◆	◆	◆	◆
Pioglitazone	◆	◆	◆	◆	◆	◆
Repaglinide	◆	◆	◆	◆	◆	◆
Rosiglitazone	◆	◆	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	◆	◆	◆
Sitagliptin	◆	◆	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	◆	◆	◆
Vildagliptin	◆	◆	◆	◆	◆	◆
<b>Antifungals</b>						
Amphotericin B	◆	◆	◆	◆	◆	◆
Anidulafungin	◆	◆	◆	◆	◆	◆
Caspofungin	◆	◆	◆	◆	◆	◆
Fluconazole	◆	◆	◆	◆	◆	◆
Flucytosine	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆
Ergotamine	◆	◆	◆	◆	◆	◆
Rizatriptan	◆	◆	◆	◆	◆	◆
Sumatriptan	◆	◆	◆	◆	◆	◆
<b>Antiprotozoals</b>						
Amodiaquine	◆	◆	◆	◆	◆	◆
Artemisinin	◆	◆	◆	◆	◆	◆
Atovaquone	◆	◆	◆	◆	◆	◆
Benznidazole	◆	◆	◆	◆	◆	◆
Chloroquine	◆	◆	◆	◆	◆	◆
Diloxanide	◆	◆	◆	◆	◆	◆
Eflornithine	◆	◆	◆	◆	◆	◆
Halofantrine	◆	◆	◆	◆	◆	◆
Lumefantrine	◆	◆	◆	◆	◆	◆
Mefloquine	◆	◆	◆	◆	◆	◆
Meglumine antimoniate	◆	◆	◆	◆	◆	◆
Melarsoprol	◆	◆	◆	◆	◆	◆
Miltefosine	◆	◆	◆	◆	◆	◆
Nifurtimox	◆	◆	◆	◆	◆	◆
Paromomycin	◆	◆	◆	◆	◆	◆
Pentamidine	◆	◆	◆	◆	◆	◆
Primaquine	◆	◆	◆	◆	◆	◆
Proguanil	◆	◆	◆	◆	◆	◆
Pyrimethamine	◆	◆	◆	◆	◆	◆
Quinine	◆	◆	◆	◆	◆	◆
Sodium stibogluconate	◆	◆	◆	◆	◆	◆
Sulfadoxine	◆	◆	◆	◆	◆	◆

	BIC/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Antipsychotics/Neuroleptics</b>						
Amisulpride	◆	◆	◆	◆	◆	◆
Aripiprazole	◆	◆	◆	◆	◆	◆
Asenapine	◆	◆	◆	◆	◆	◆
Chlorpromazine	◆	◆	◆	◆	◆	◆
Clozapine	◆	◆	◆	◆	◆	◆
Fluphenazine	◆	◆	◆	◆	◆	◆
Haloperidol	◆	◆	◆	◆	◆	◆
Iloperidone	◆	◆	◆	◆	◆	◆
Levomopromazine	◆	◆	◆	◆	◆	◆
Olanzapine	◆	◆	◆	◆	◆	◆
Paliperidone	◆	◆	◆	◆	◆	◆
Perazine	◆	◆	◆	◆	◆	◆
Periciazine	◆	◆	◆	◆	◆	◆
Perphenazine	◆	◆	◆	◆	◆	◆
Pimozide	◆	◆	◆	◆	◆	◆
Pipotiazine	◆	◆	◆	◆	◆	◆
Quetiapine	◆	◆	◆	◆	◆	◆
Risperidone	◆	◆	◆	◆	◆	◆
Sulpiride	◆	◆	◆	◆	◆	◆
Thioridazine	◆	◆	◆	◆	◆	◆
Tiapride	◆	◆	◆	◆	◆	◆
Ziprasidone	◆	◆	◆	◆	◆	◆
Zotepine	◆	◆	◆	◆	◆	◆
Zuclopenthixol	◆	◆	◆	◆	◆	◆
<b>Antivirals</b>						
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	◆	◆	◆	◆	◆	◆
<b>Anxiolytics/Hypnotics/ Sedatives</b>						
Alprazolam	◆	◆	◆	◆	◆	◆
Bromazepam	◆	◆	◆	◆	◆	◆
Bupirone	◆	◆	◆	◆	◆	◆
Chlordiazepoxide	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆

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**Key to abbreviations**

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
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**

●	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 May 2018. Full information available at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org)

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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	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Bronchodilators</b>						
Acclidium bromide	♦	♦	♦	♦	♦	♦
Aminophylline	♦	♦	♦	♦	♦	♦
Formoterol	♦	♦	♦	♦	♦	♦
Glycopyrronium bromide	♦	♦	♦	♦	♦	♦
Indacaterol	♦	♦	♦	♦	♦	♦
Ipratropium bromide	♦	♦	♦	♦	♦	♦
Montelukast	♦	♦	▲	▲	♦	♦
Olodaterol	♦	♦	▲	▲	♦	♦
Roflumilast	♦	♦	▲	▲	♦	♦
Salbutamol	♦	♦	♦	♦	♦	♦
Salmeterol	♦	♦	♦	♦	♦	♦
Theophylline	♦	♦	♦	♦	♦	♦
Tiotropium bromide	♦	♦	♦	♦	♦	♦
Umeclidinium bromide	♦	♦	▲	▲	♦	♦
Vilanterol	♦	♦	▲	▲	♦	♦
<b>Calcium Channel Blockers</b>						
Amlodipine	♦	♦	♦	♦	♦	♦
Diltiazem	▲	♦	♦	♦	♦	♦
Felodipine	♦	♦	♦	♦	♦	♦
Nicardipine	♦	♦	♦	♦	♦	♦
Nifedipine	♦	♦	♦	♦	♦	♦
Nisoldipine	♦	♦	♦	♦	♦	♦
Nitrendipine	♦	♦	♦	♦	♦	♦
Verapamil	♦	♦	♦	♦	♦	♦
<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>Cytotoxics</b>						
Anastrozole	♦	♦	♦	♦	♦	♦
Asparaginase	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦

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	BIC/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Cytotoxics (continued)</b>						
Mercaptopurine	♦	♦	♦	♦	♦	♦
Mesna	♦	♦	♦	♦	♦	♦
Methotrexate	♦	♦	♦	♦	♦	♦
Mitoxantrone	♦	♦	♦	♦	♦	♦
Nilotinib	♦	♦	♦	♦	♦	♦
Oxaliplatin	♦	♦	♦	♦	♦	♦
Paclitaxel	♦	♦	♦	♦	♦	♦
Pazopanib	♦	♦	♦	♦	♦	♦
Procarbazine	♦	♦	♦	♦	♦	♦
Rituximab	♦	♦	♦	♦	♦	♦
Sorafenib	♦	♦	♦	♦	♦	♦
Sunitinib	♦	♦	♦	♦	♦	♦
Tamoxifen	♦	♦	♦	♦	♦	♦
Temsirolimus	♦	♦	♦	♦	♦	♦
Topotecan	♦	♦	♦	♦	♦	♦
Toremifene	♦	♦	♦	♦	♦	♦
Vinblastine	♦	♦	♦	♦	♦	♦
Vincristine	♦	♦	♦	♦	♦	♦
Vorinostat	♦	♦	♦	♦	♦	♦
<b>Erectile Dysfunctional Agents</b>						
Sildenafil (Erectile Dysfunction)	♦	♦	♦	♦	♦	♦
Tadalafil (Erectile Dysfunction)	♦	♦	♦	♦	♦	♦
Vardenafil	♦	♦	♦	♦	♦	♦
<b>Gastrointestinal Agents</b>						
Alosetron	♦	♦	♦	♦	♦	♦
Antacids	♦	♦	♦	♦	♦	♦
Bisacodyl	♦	♦	♦	♦	♦	♦
Cimetidine	♦	♦	♦	♦	♦	♦
Cisapride	♦	♦	♦	♦	♦	♦
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)	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦
Hops (Humulus lupulus)	♦	♦	♦	♦	♦	♦
Inula racemosa	♦	♦	♦	♦	♦	♦
Iodine	♦	♦	♦	♦	♦	♦
Iron supplements	♦	♦	♦	♦	♦	♦
Liquorice (Glycyrrhiza glabra)	♦	♦	♦	♦	♦	♦
Magnesium supplements	♦	♦	♦	♦	♦	♦
Malabar nut tree	♦	♦	♦	♦	♦	♦
Menthol	♦	♦	♦	♦	♦	♦
Milk thistle	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦

**Key to abbreviations**

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	BIC/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Hypertension / Heart Failure Agents</b>						
Aliskiren	♦	♦	♦	♦	♦	♦
Ambrisentan	♦	♦	♦	♦	♦	♦
Amiloride	♦	♦	♦	♦	♦	♦
Bendroflumethiazide	♦	♦	+	+	♦	♦
Bosentan	▲	▲	■	■	■	♦
Candesartan	♦	♦	♦	♦	♦	♦
Captopril	♦	♦	♦	♦	♦	♦
Chlortalidone	♦	♦	♦	♦	♦	♦
Cilazapril	♦	♦	♦	♦	♦	♦
Clonidine	♦	♦	♦	♦	♦	♦
Digoxin	♦	♦	♦	♦	♦	♦
Dopamine	♦	♦	♦	♦	♦	♦
Doxazosin	♦	♦	♦	♦	♦	♦
Enalapril	♦	♦	♦	♦	♦	♦
Eplerenone	♦	♦	♦	♦	♦	♦
Epoprostenol	♦	♦	♦	♦	♦	♦
Eprosartan	♦	♦	♦	♦	♦	♦
Furosemide	♦	♦	♦	♦	♦	♦
Hydralazine	♦	♦	♦	♦	▲	♦
Hydrochlorothiazide	♦	♦	♦	♦	♦	♦
Iloprost	♦	♦	♦	♦	♦	♦
Indapamide	♦	♦	♦	♦	♦	♦
Irbesartan	♦	♦	▲	▲	♦	♦
Isosorbide dinitrate	♦	♦	♦	♦	▲	♦
Ivabradine	♦	♦	♦	♦	♦	♦
Labetalol	♦	♦	♦	♦	♦	♦
Lacidipine	♦	♦	♦	♦	♦	♦
Lercanidipine	♦	♦	♦	♦	♦	♦
Lisinopril	♦	♦	♦	♦	♦	♦
Losartan	♦	♦	♦	♦	♦	♦
Macitentan	♦	♦	♦	♦	♦	♦
Methyl dopa	♦	♦	♦	♦	▲	♦
Metolazone	♦	♦	♦	♦	♦	♦
Olmesartan	♦	♦	♦	♦	♦	♦
Perindopril	♦	♦	♦	♦	♦	♦
Prazosin	♦	♦	♦	♦	♦	♦
Quinapril	♦	♦	♦	♦	♦	♦
Ramipril	♦	♦	♦	♦	♦	♦
Ranolazine	■	♦	♦	♦	■	♦
Riociguat	♦	♦	♦	♦	♦	♦
Sacubitril	♦	♦	♦	♦	▲	♦
Selexipag	♦	♦	♦	♦	▲	♦
Sildenafil (PAH)	♦	♦	♦	♦	♦	♦
Sodium nitroprusside	♦	♦	♦	♦	▲	♦
Spirolactone	♦	♦	♦	♦	♦	♦
Tadalafil (PAH)	♦	♦	♦	♦	♦	♦
Telmisartan	♦	♦	♦	♦	♦	♦
Terazosin	♦	♦	♦	♦	♦	♦
Torasemide	♦	♦	♦	♦	♦	♦
Trandolapril	♦	♦	♦	♦	♦	♦
Treprostinil	♦	♦	♦	♦	♦	♦
Valsartan	♦	♦	♦	♦	♦	♦
Xipamide	♦	♦	♦	♦	♦	♦
<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	■	♦	♦	♦	♦	♦
<b>Immunosuppressants</b>						
Anti-thymocyte globulin	♦	♦	♦	♦	♦	♦
Azathioprine	♦	♦	♦	♦	♦	♦
Basiliximab	♦	♦	♦	♦	♦	♦
Belatacept	♦	♦	♦	♦	♦	♦
Ciclosporin	■	♦	♦	♦	♦	♦
Mycophenolate	♦	♦	♦	♦	♦	♦
Sirolimus	♦	♦	♦	♦	♦	♦
Tacrolimus	♦	♦	♦	♦	♦	♦
<b>Lipid Lowering Agents</b>						
Atorvastatin	♦	♦	♦	♦	♦	♦
Bezafibrate	♦	♦	♦	♦	♦	♦
Clofibrate	♦	♦	♦	♦	♦	♦
Ezetimibe	♦	♦	♦	♦	♦	♦
Fenofibrate	♦	♦	♦	♦	♦	♦
Fish oils	♦	♦	♦	♦	♦	♦
Fluvastatin	♦	♦	♦	♦	♦	♦
Gemfibrozil	♦	♦	♦	♦	♦	♦
Lovastatin	♦	♦	♦	♦	♦	♦
Pitavastatin	♦	♦	♦	♦	♦	♦
Pravastatin	♦	♦	♦	♦	♦	♦
Rosuvastatin	♦	♦	♦	♦	♦	♦
Simvastatin	♦	♦	♦	♦	♦	♦

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	BIC/ F/TAF	DTG	E/C/F/ TAF	E/C/F/ TDF	MVC	RAL
<b>Other</b>						
Acetazolamide	♦	♦	♦	♦	♦	♦
Acitretin	♦	♦	♦	♦	♦	♦
Adrenaline (Epinephrine)	♦	♦	♦	♦	♦	♦
Alendronic Acid	♦	♦	♦	♦	♦	♦
Alfuzosin	♦	♦	♦	♦	♦	♦
Allopurinol	♦	♦	♦	♦	♦	♦
Atropine	♦	♦	♦	♦	♦	♦
Baclofen	♦	♦	♦	♦	♦	♦
Biperiden	♦	♦	♦	♦	♦	♦
Caffeine citrate	♦	♦	♦	♦	♦	♦
Carbamazole	♦	♦	♦	♦	♦	♦
Clomifene	♦	♦	♦	♦	♦	♦
Colchicine	♦	♦	♦	♦	♦	♦
Cyproterone acetate	♦	♦	♦	♦	♦	♦
Denosumab	♦	♦	♦	♦	♦	♦
Disulfiram	♦	♦	♦	♦	♦	♦
Dutasteride	♦	♦	♦	♦	♦	♦
Finasteride	♦	♦	♦	♦	♦	♦
Flibanserin	♦	♦	♦	♦	♦	♦
Goserelin	♦	♦	♦	♦	♦	♦
Ibandronic acid	♦	♦	♦	♦	♦	♦
Isotretinoin	♦	♦	♦	♦	♦	♦
Leuprorelin	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦
Varenicline	♦	♦	♦	♦	♦	♦
Zoledronic acid	♦	♦	♦	♦	♦	♦
<b>Overactive Bladder Agents</b>						
Darifenacin	♦	♦	♦	♦	♦	♦
Fesoterodine	♦	♦	♦	♦	♦	♦
Mirabegron	♦	♦	♦	♦	♦	♦
Oxybutin	♦	♦	♦	♦	♦	♦
Solifenacin	♦	♦	♦	♦	♦	♦
Tolterodine	♦	♦	♦	♦	♦	♦
Trospium	♦	♦	♦	♦	♦	♦
<b>Oxytocics</b>						
Ergometrine (Ergonovine)	♦	♦	♦	♦	♦	♦
Mifepristone	♦	♦	♦	♦	♦	♦
Misoprostol	♦	♦	♦	♦	♦	♦
Oxytocin	♦	♦	♦	♦	♦	♦
<b>Parkinsonism Agents</b>						
Apomorphine	♦	♦	♦	♦	♦	♦
Benserazide	♦	♦	♦	♦	♦	♦
Carbidopa	♦	♦	♦	♦	♦	♦
Levodopa	♦	♦	♦	♦	♦	♦
Pramipexole	♦	♦	♦	♦	♦	♦
Rasagiline	♦	♦	♦	♦	♦	♦
Ropinirole	♦	♦	♦	♦	♦	♦
<b>Steroids</b>						
Beclometasone	♦	♦	♦	♦	♦	♦
Betamethasone	♦	♦	♦	♦	♦	♦
Budesonide	♦	♦	♦	♦	♦	♦
Clobetasol	♦	♦	♦	♦	♦	♦
Dexamethasone	♦	♦	♦	♦	♦	♦
Fludrocortisone	♦	♦	♦	♦	♦	♦
Fluocinolone	♦	♦	♦	♦	♦	♦
Fluticasone	♦	♦	♦	♦	♦	♦
Hydrocortisone (oral)	♦	♦	♦	♦	♦	♦
Hydrocortisone (topical)	♦	♦	♦	♦	♦	♦
Megestrol acetate	♦	♦	♦	♦	♦	♦
Methylprednisolone	♦	♦	♦	♦	♦	♦
Mometasone	♦	♦	♦	♦	♦	♦
Nandrolone	♦	♦	♦	♦	♦	♦
Oxandrolone	♦	♦	♦	♦	♦	♦
Prednisolone	♦	♦	♦	♦	♦	♦
Prednisone	♦	♦	♦	♦	♦	♦
Stanzolol	♦	♦	♦	♦	♦	♦
Testosterone	♦	♦	♦	♦	♦	♦
Triamcinolone	♦	♦	♦	♦	♦	♦

**Key to abbreviations**

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
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**

●	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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