

# Interactions with NNRTIs

Charts revised March 2022. 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.

	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAf	RPV + F/TDF
<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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Meloxicam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

For personal use only. Not for distribution.

	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAf	RPV + F/TDF
<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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Flucoxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Gentamicin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Imipenem/Cilastatin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Isoniazid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Kanamycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Levofloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Linezolid	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Meropenem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metronidazole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Moxifloxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nitrofurantoin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Olofoxacin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

DOR	Doravirine (Pifeltro <sup>®</sup> )	NVP	Nevirapine (Viramune <sup>®</sup> )
DOR + 3TC + TDF	Doravirine + Lamivudine + Tenofovir-DF (Delstrigo <sup>®</sup> )	RPV	Rilpivirine (Edurant <sup>®</sup> )
DPV (VR)	Dapivirine Vaginal Ring (PrEP)	RPV + DTG	Rilpivirine + Dolutegravir (Juluca <sup>®</sup> )
EFV	Efavirenz (Sustiva <sup>®</sup> /Stocrin <sup>®</sup> )	RPV + F/TAf	Tenofovir alafenamide (Odefsey <sup>®</sup> )
ETR	Etravirine (Intenceo <sup>®</sup> )	RPV + F/TDF	Tenofovir-DF (Eviplera <sup>®</sup> , Complera <sup>®</sup> )

**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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<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	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Desvenlafaxine	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Doxepin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Duloxetine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Escitalopram	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Fluoxetine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Fluvoxamine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Imipramine	◆	◆	◆	■	■	■	▲	▲	▲	▲
Lithium	◆	■	◆	■	■	■	▲	▲	▲	▲
Maprotiline	◆	◆	◆	■	■	■	▲	▲	▲	▲
Mianserin	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Milnacipran	◆	◆	◆	■	■	■	◆	◆	◆	◆
Mirtazapine	◆	◆	◆	■	■	■	▲	▲	▲	▲
Nefazodone	▲	▲	▲	■	■	■	▲	▲	▲	▲
Nortriptyline	◆	◆	◆	■	■	■	▲	▲	▲	▲
Paroxetine	◆	◆	◆	■	■	■	▲	▲	▲	▲
Phenelzine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Reboxetine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Sertraline	◆	◆	◆	▲	▲	▲	◆	◆	◆	◆
Tranlycypromine	◆	◆	◆	■	■	■	◆	◆	◆	◆
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	◆	◆	◆	■	■	■	◆	◆	◆	◆
Proglitazone	◆	◆	◆	■	■	■	◆	◆	◆	◆
Repaglinide	◆	◆	◆	■	■	■	◆	◆	◆	◆
Rosiglitazone	◆	◆	◆	■	■	■	◆	◆	◆	◆
Saxagliptin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Semaglutide	◆	◆	◆	■	■	■	◆	◆	◆	◆
Sitagliptin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Tolbutamide	◆	◆	◆	■	■	■	◆	◆	◆	◆
Vildagliptin	◆	◆	◆	■	■	■	◆	◆	◆	◆

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	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAf	RPV + F/TDF
<b>Antifungals</b>										
Amphotericin B	◆	■	■	◆	◆	◆	◆	◆	◆	■
Anidulafungin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Caspofungin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Clotrimazole (pessary, troche)	▲	▲	■	◆	◆	◆	▲	▲	▲	▲
Clotrimazole (topical)	◆	◆	◆	■	■	■	◆	◆	◆	◆
Fluconazole	▲	■	◆	◆	◆	◆	■	■	■	■
Flucytosine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Griseofulvin	■	■	◆	■	■	■	■	■	■	■
Isavuconazole	▲	▲	◆	●	●	●	▲	▲	▲	▲
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	◆	▲	◆	◆	◆	◆	◆	◆	▲	▲

**Key to abbreviations**

DOR	Doravirine (Pifeltro <sup>®</sup> )	NVP	Nevirapine (Viramune <sup>®</sup> )
DOR + 3TC + TDF (Delstrigo <sup>®</sup> )	Doravirine + Lamivudine + Tenofovir-DF	RPV	Rilpivirine (Edurant <sup>®</sup> )
DPV (VR)	Dapivirine Vaginal Ring (PrEP)	RPV + DTG	Rilpivirine + Dolutegravir (Juluca <sup>®</sup> )
EFV	Efavirenz (Sustiva <sup>®</sup> /Stocrin <sup>®</sup> )	RPV + F/TAf	Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey <sup>®</sup> )
ETR	Etravirine (Intenceq <sup>®</sup> )	RPV + F/TDF	Tenofovir-DF (Eviplera <sup>®</sup> , Complera <sup>®</sup> )

**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 NNRTIs

Charts revised March 2022. 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.

	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bulevirtide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cidofovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Daclatasvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Elbasvir/Grazoprevir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Entecavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Famciclovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Foscarnet	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ganciclovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Glecaprevir/Pibrentasvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ledipasvir/sofosbuvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Letermovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Molnupiravir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nirmatrelvir/Ritonavir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ombitasvir/Paritaprevir/r + Dasabuvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Oseltamivir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Remdesivir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ribavirin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rimantadine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Simeprevir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sofosbuvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sofosbuvir/Velpatasvir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sofosbuvir/Velpatasvir/Voxilaprevir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sotrovimab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Telbivudine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tenofovir alafenamide (HBV)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tixagevimab/Cilgavimab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Valaciclovir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Zanamivir	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<b>Anxiolytics/Hypnotics/ Sedatives</b>										
Alprazolam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bromazepam	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bupirone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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>										
Acidinium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Aminophylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Formoterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Glycopyrronium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Indacaterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ipratropium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Montelukast	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Olodaterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Roflumilast	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salbutamol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Salmeterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Terbutaline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Theophylline	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tiotropium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Umeclidinium bromide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vilanterol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Calcium Channel Blockers</b>										
Amlodipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Diltiazem	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Felodipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nicardipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nifedipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nisoldipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Nitrendipine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Verapamil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

DOR	Doravirine (Pifeltro <sup>®</sup> )	NVP	Nevirapine (Viramune <sup>®</sup> )
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EFV	Efavirenz (Sustiva <sup>®</sup> /Stocrin <sup>®</sup> )	RPV + F/TAF	Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey <sup>®</sup> )
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▲	Potential interaction likely to be of weak intensity. Additional action/monitoring or dosage adjustment is unlikely to be required
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Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the more cautious option.

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	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<b>Cancer Therapies</b>										
Abemaciclib	◆	◆	◆	●	●	●	◆	◆	◆	◆
Abiraterone	◆	◆	◆	●	●	●	◆	◆	◆	◆
Acalabrutinib	◆	◆	◆	●	●	●	◆	◆	◆	◆
Anastrozole	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Asparaginase	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Avelumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bevacizumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bexarotene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bleomycin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Blinatumomab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bortezomib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bosutinib	◆	◆	◆	●	●	●	◆	◆	◆	◆
Brentuximab vedotin	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cabazitaxel	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cabozantinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Procarbazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Rituximab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sorafenib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sunitinib	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tamoxifen	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Temsirolimus	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Topotecan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Toremifene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trastuzumab	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Trastuzumab emtansine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vinblastine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vincristine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vinorelbine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vorinostat	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<b>Contraceptives/HRT</b>										
Bazedoxifene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlormadinone (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Conjugated estrogens	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desogestrel (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Desogestrel (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Drospirenone (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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 (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norelgestromin (patch)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norethisterone [Norethindrone] (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norethisterone [Norethindrone] (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norethisterone [Norethindrone] (IM depot)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norethisterone [Norethindrone] (POP)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norgestimate (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norgestimate (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norgestrel (COC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Norgestrel (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Progesterone (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tibolone (HRT)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ulipristal	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<b>Erectile Dysfunctional Agents</b>										
Avanafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil (Erectile Dysfunction)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tadalafil (Erectile Dysfunction)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Vardenafil	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Yohimbine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
<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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

DOR	Doravirine (Pifeltro <sup>®</sup> )	NVP	Nevirapine (Viramune <sup>®</sup> )
DOR + 3TC + TDF	Doravirine + Lamivudine + Tenofovir-DF (Delstrigo <sup>®</sup> )	RPV	Rilpivirine (Edurant <sup>®</sup> )
DPV (VR)	Dapivirine Vaginal Ring (PrEP)	RPV + DTG	Rilpivirine + Dolutegravir (Juluca <sup>®</sup> )
EFV	Efavirenz (Sustiva <sup>®</sup> /Stocrin <sup>®</sup> )	RPV + F/TAF	Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey <sup>®</sup> )
ETR	Etravirine (Intenceo <sup>®</sup> )	RPV + F/TDF	Tenofovir-DF (Eviplera <sup>®</sup> , Complera <sup>®</sup> )

**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 NNRTIs

Charts revised March 2022. 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.

	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<b>Herbals/Supplements/Vitamins</b>										
African potato	■	■	◆	◆	◆	◆	■	■	■	■
Aloe vera	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ascorbic Acid (vitamin C) [alone]	◆	◆	■	◆	◆	◆	◆	◆	◆	◆
Ascorbic Acid [in multivitamins]	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ashwagandha (Withania somnifera)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ayahuasca	▲	▲	◆	◆	◆	◆	▲	▲	▲	▲
Black cohosh	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	▲	▲	◆	■	▲	▲	▲	▲	▲	▲
Ginseng (P. ginseng, P. quinquefolius)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Goldenseal root (Hydrastis canadensis)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Grapefruit juice	▲	▲	◆	◆	◆	◆	▲	▲	▲	▲
Green tea extracts (Camellia sinensis)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Guggulsterone	■	■	◆	■	■	■	■	■	■	■
Hops (Humulus lupulus)	■	■	◆	■	■	■	■	■	■	■
Inula racemosa	▲	▲	◆	◆	◆	◆	▲	▲	▲	▲
Iodine [alone]	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Iodine [in multivitamins]	◆	◆	◆	◆	◆	◆	■	■	■	■
Iron supplements (injection/infusion)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Iron supplements (oral)	◆	◆	◆	◆	◆	◆	■	■	■	■
Liquorice (Glycyrrhiza glabra)	▲	■	◆	◆	◆	◆	▲	▲	▲	■
Magnesium supplements	◆	◆	◆	◆	◆	◆	■	■	■	■
Malabar nut tree	■	■	◆	■	■	■	■	■	■	■
Menthol	▲	▲	◆	◆	◆	◆	▲	▲	▲	▲
Milk thistle (silymarin)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Mucuna pruriens	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

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	DOR	DOR + 3TC/TDF	DPV (VR)	EFV	ETR	NVP	RPV	RPV + DTG	RPV + F/TAF	RPV + F/TDF
<b>Hypertension / Heart Failure Agents</b>										
Aliskiren	◆	◆	◆	◆	■	◆	◆	◆	◆	◆
Ambrisentan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Amiloride	◆	▲	◆	◆	◆	◆	◆	▲	◆	◆
Azilsartan	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Benazepril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bendroflumethiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Bosentan	■	■	◆	■	■	■	■	■	■	■
Candesartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Captopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Chlortalidone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Cilazapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Clonidine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Dopamine	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Doxazosin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Enalapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Eplerenone	◆	◆	◆	■	■	■	◆	◆	◆	◆
Epoprostenol	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Erosartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Fosinopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Furosemide	◆	▲	◆	◆	◆	◆	◆	◆	◆	▲
Hydralazine	◆	◆	◆	◆	◆	◆	◆	◆	◆	■
Hydrochlorothiazide	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Iloprost	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Indapamide	◆	◆	◆	■	■	■	◆	◆	◆	◆
Irbesartan	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Isosorbide dinitrate	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ivabradine	◆	◆	◆	■	■	■	▲	▲	▲	▲
Labeltalol	◆	◆	◆	■	■	■	◆	◆	◆	◆
Lacidipine	◆	◆	◆	■	■	■	▲	▲	▲	▲
Lercanidipine	◆	◆	◆	■	■	■	◆	◆	◆	◆
Lisinopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Losartan	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Macitentan	◆	◆	◆	■	■	■	◆	◆	◆	◆
Methyldopa	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Metolazone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Moxonidine	◆	▲	◆	◆	◆	◆	◆	◆	◆	▲
Olmesartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Perindopril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Prazosin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Quinapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ramipril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Ranolazine	◆	■	◆	■	■	■	▲	▲	■	■
Riociguat	◆	◆	◆	■	■	■	◆	◆	◆	◆
Sacubitril	◆	▲	◆	◆	◆	◆	◆	◆	◆	▲
Selexipag	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Sildenafil (PAH)	◆	◆	◆	■	■	■	◆	◆	◆	◆
Sodium nitroprusside	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Spiroolactone	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Tadalafil (PAH)	◆	◆	◆	■	■	■	◆	◆	◆	◆
Telmisartan	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Terazosin	◆	◆	◆	■	■	■	◆	◆	◆	◆
Torsemide	◆	◆	◆	▲	▲	◆	◆	◆	◆	◆
Trandolapril	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
Treprostinil	◆	◆	◆	■	■	■	◆	◆	◆	◆
Triamterene	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
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)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆

**Key to abbreviations**

DOR	Doravirine (Pifeltro <sup>®</sup> )	NVP	Nevirapine (Viramune <sup>®</sup> )
DOR + 3TC + TDF (Delstrigo <sup>®</sup> )	Doravirine + Lamivudine + Tenofovir-DP	RPV	Rilpivirine (Edurant <sup>®</sup> )
DPV (VR)	Dapivirine Vaginal Ring (PrEP)	RPV + DTG	Rilpivirine + Dolutegravir (Juluca <sup>®</sup> )
EFV	Efavirenz (Sustiva <sup>®</sup> /Stocrin <sup>®</sup> )	RPV + F/TAF	Rilpivirine + Emtricitabine + Tenofovir alafenamide (Odefsey <sup>®</sup> )
ETR	Etravirine (Intencev <sup>®</sup> )	RPV + F/TDF	Tenofovir-DP (Eviplera <sup>®</sup> , Complera <sup>®</sup> )

**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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