

# Interactions with Protease Inhibitors

Charts reviewed December 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.

	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

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	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pyrazinamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifabutin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifampicin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifapentine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rifaximin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Spectinomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Streptomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sulfadiazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Telithromycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tetracyclines	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Trimethoprim/Sulfamethoxazole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vancomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Anti-coagulant, Anti-platelet and Fibrinolytic</b>											
Acenocoumarol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Apixaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Aspirin (anti-platelet)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Betrixaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Clopidogrel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dabigatran	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dalteparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dipyridamole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Edoxaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Eltrombopag	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Enoxaparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fondaparinux	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Heparin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Phenprocoumon	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Prasugrel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rivaroxaban	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Streptokinase	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ticagrelor	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Warfarin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

**Key to abbreviations**

ATV	Atazanavir (Reyataz <sup>®</sup> )	FPV	Fosamprenavir (Telzir <sup>®</sup> , Lexiva <sup>®</sup> )
Cobi	Cobicistat (Tybost <sup>®</sup> )	IDV	Indinavir (Crixivan <sup>®</sup> )
DRV/c	Darunavir/cobicistat (Rezolsta <sup>®</sup> , Prezcoibix <sup>®</sup> )	LPV	Lopinavir (Kaletra <sup>®</sup> )
SYM	Darunavir/cobicistat/FTC/TAF (Symtuza <sup>®</sup> )	RTV	Ritonavir (Norvir <sup>®</sup> )
DRV/r	Darunavir + Ritonavir (Prezista <sup>®</sup> +Norvir <sup>®</sup> )	SQV	Saquinavir (Invirase <sup>®</sup> )
		TPV	Tipranavir (Aptivus <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
♦	There are no clear data, actual or theoretical, to indicate whether an interaction will occur

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	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	■	▲	▲	▲	▲	■	■	■	■	■	■
Cloimipramine	■	■	■	■	■	■	■	■	■	■	■
Desipramine	■	▲	▲	▲	▲	■	■	■	■	■	■
Doxepin	▲	▲	▲	▲	▲	■	■	■	■	■	■
Duloxetine	▲	▲	▲	▲	▲	■	■	■	■	■	■
Escitalopram	■	▲	▲	▲	▲	■	■	■	■	■	■
Fluoxetine	▲	▲	▲	▲	▲	■	■	■	■	■	■
Fluvoxamine	▲	▲	▲	▲	▲	■	■	■	■	■	■
Imipramine	■	■	■	■	■	■	■	■	■	■	■
Lithium	■	■	■	■	■	■	■	■	■	■	■
Maprotiline	▲	▲	▲	▲	▲	■	■	■	■	■	■
Mianserine	▲	▲	▲	▲	▲	■	■	■	■	■	■
Milnacipran	■	■	■	■	■	■	■	■	■	■	■
Mirtazapine	■	■	■	■	■	■	■	■	■	■	■
Nefazodone	■	■	■	■	■	■	■	■	■	■	■
Nortriptyline	■	▲	▲	▲	▲	■	■	■	■	■	■
Paroxetine	■	■	■	■	■	■	■	■	■	■	■
Phenelzine	■	■	■	■	■	■	■	■	■	■	■
Reboxetine	■	■	■	■	■	■	■	■	■	■	■
Sertraline	▲	▲	▲	▲	▲	■	■	■	■	■	■
Tranlycypromine	■	■	■	■	■	■	■	■	■	■	■
Trazodone	■	■	■	■	■	■	■	■	■	■	■
Trimipramine	▲	▲	▲	▲	▲	■	■	■	■	■	■
Venlafaxine	▲	▲	▲	▲	▲	■	■	■	■	■	■
<b>Anti-diabetics</b>											
Acarbose	■	■	■	■	■	■	■	■	■	■	■
Canagliflozin	■	■	■	■	■	■	■	■	■	■	■
Dapagliflozin	■	■	■	■	■	■	■	■	■	■	■
Dulaglutide	■	■	■	■	■	■	■	■	■	■	■
Empagliflozin	■	■	■	■	■	■	■	■	■	■	■
Exanatide	■	■	■	■	■	■	■	■	■	■	■
Glibenclamide (Glyburide)	■	■	■	■	■	■	■	■	■	■	■
Gliclazide	■	■	■	■	■	■	■	■	■	■	■
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	■	■	■	■	■	■	■	■	■	■	■

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	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	■	■	■	■	■	■	■	■	■	■	■
<b>Antipsychotics/Neuroleptics</b>											
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**

ATV	Atazanavir (Reyataz <sup>®</sup> )	FPV	Fosamprenavir (Telzir <sup>®</sup> , Lexiva <sup>®</sup> )
Cobi	Cobicistat (Tybost <sup>®</sup> )	IDV	Indinavir (Crixivan <sup>®</sup> )
DRV/c	Darunavir/cobicistat (Rezolsta <sup>®</sup> , Prezobix <sup>®</sup> )	LPV	Lopinavir (Kaletra <sup>®</sup> )
SYM	Darunavir/cobicistat/FTC/TAF (Symtuza <sup>®</sup> )	RTV	Ritonavir (Norvir <sup>®</sup> )
DRV/r	Darunavir + Ritonavir (Prezista <sup>®</sup> +Norvir <sup>®</sup> )	SQV	Saquinavir (Invirase <sup>®</sup> )
		TPV	Tipranavir (Aptivus <sup>®</sup> )

**Key to symbols**

# Interactions with Protease Inhibitors

Charts reviewed December 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.

	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Bronchodilators</b>											
Acclidinium bromide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Aminophylline	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Formoterol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Darunavir/cobicistat (Rezosta®/Prezcobix®)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Indacaterol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ipratropium bromide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Montelukast	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Olodaterol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Roflumilast	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Salbutamol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Salmeterol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Theophylline	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tiotropium bromide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Umeclidinium bromide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vilanterol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

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	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<b>Calcium Channel Blockers</b>											
Amlodipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Diltiazem	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Felodipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nicardipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nifedipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nisoldipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nitrendipine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Verapamil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Cancer Therapies</b>											
Anastrozole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Asparaginase	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bevacizumab	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bexarotene	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bleomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Bortezomib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Caprecitabine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Carboplatin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Chlorambucil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cisplatin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cyclophosphamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cytarabine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dacarbazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dactinomycin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dasatinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Daunorubicin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Docetaxel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Doxorubicin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Droloxifene	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Epirubicin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Erlotinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Estramustine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Etoposide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Everolimus	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Exemestane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fludarabine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fluorouracil	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Formestane	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Gefitinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Gemcitabine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ifosfamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Imatinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Irinotecan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Lapatinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Letrozole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mercaptopurine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mesna	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Methotrexate	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Mitoxantrone	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Nilotinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Oxaliplatin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Paclitaxel	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pazopanib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Procarbazine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rituximab	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sorafenib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Sunitinib	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Tamoxifen	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Temsirolimus	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Topotecan	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Toremifene	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vinblastine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vincristine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Vorinostat	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

**Key to abbreviations**

ATV	Atazanavir (Reyataz <sup>®</sup> )	FPV	Fosamprenavir (Telzir <sup>®</sup> , Lexiva <sup>®</sup> )
Cobi	Cobicistat (Tybost <sup>®</sup> )	IDV	Indinavir (Crixivan <sup>®</sup> )
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SYM	Darunavir/cobicistat/FTC/TAF (Symtuza <sup>®</sup> )	RTV	Ritonavir (Norvir <sup>®</sup> )
DRV/r	Darunavir + Ritonavir (Prezista <sup>®</sup> +Norvir <sup>®</sup> )	SQV	Saquinavir (Invirase <sup>®</sup> )
		TPV	Tipranavir (Aptivus <sup>®</sup> )

**Key to symbols**

♦	These drugs should not be coadministered
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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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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



# Interactions with Protease Inhibitors

Charts reviewed December 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.

	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Carbidopa	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Levodopa	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Pramipexole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Rasagiline	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Ropinirole	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
<b>Steroids</b>											
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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	ATV	Cobi	DRV/c	SYM	DRV/r	FPV	IDV	LPV	RTV	SQV	TPV
<b>Other</b>											
Acetazolamide	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Acitretin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Adrenaline (Epinephrine)	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Alendronic Acid	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Alfuzosin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Allopurinol	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Atropine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Baclofen	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Biperiden	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Caffeine citrate	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Carbamazepine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Clomifene	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Colchicine	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Cyproterone acetate	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Denosumab	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Disulfiram	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Dutasteride	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Finasteride	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Fibanserin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
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	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Triptorelin	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Varenicline	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦
Zoledronic acid	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦	♦

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Pharmacology Research Labs, 1st Floor Block H, 70 Pembroke Place, LIVERPOOL, L69 3GF

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