

# Interactions with Antiretroviral Drugs

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	PROTEASE INHIBITORS										NNRTIs					NRTIs							OTHER							
	ATV	Cobi	DRV	FPV	IDV	LPV	RTV	SQV	TPV	EFV	ETV	NVP	RPV	RPV + FTC/TAF	ABC	ddl	FTC	FTC+TAF	3TC	d4T	TDF	ZDV	BIC/F/TAF	DTG	E/C/F/TAF	E/C/F/TDF	MVC	RAL		
<b>PIs</b>	Atazanavir		◆	◆	■	●	■	■	●	■	●	■	●	■	◆	■	◆	◆	◆	◆	◆	◆	◆	●	◆	■	■	■	▲	
	Cobicistat	◆	F	◆	●	●	●	●	●	●	●	●	●	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	◆	
	Darunavir	◆	◆	O	■	■	●	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Fosamprenavir	■	●	■	R	■	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Indinavir	●	●	■	■	■	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Lopinavir	■	●	●	■	■	■	P	■	■	■	■	■	■	◆	▲	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Ritonavir	■	●	■	■	■	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Saquinavir	●	●	●	●	●	●	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
	Tipranavir	●	●	●	●	●	●	●	●	●	●	●	●	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	■	■	■	■	◆
<b>NNRTIs</b>	Efavirenz	■	●	■	■	■	■	■	■	O	●	●	●	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	●	■	■	■	■	◆	
	Etravirine	●	●	◆	●	◆	■	■	■	●	N	●	●	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
	Nevirapine	●	●	◆	◆	■	■	■	■	●	■	A	●	●	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
	Rilpivirine	▲	◆	◆	◆	◆	◆	◆	◆	●	●	●	L	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
	Rilpivirine + FTC/TAF	●	●	●	●	●	●	●	●	●	●	●	●	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
<b>NRTIs</b>	Abacavir (ABC)	◆	◆	◆	◆	◆	▲	◆	◆	◆	◆	◆	◆	◆	U	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Didanosine (ddl)	■	◆	◆	■	■	■	■	■	◆	◆	◆	◆	◆	S	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	
	Emtricitabine (FTC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	E	●	●	●	●	●	◆	◆	◆	◆	◆	◆	◆	
	Emtricitabine + TAF	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Lamivudine (3TC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	O	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Stavudine (d4T)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	N	◆	◆	◆	◆	◆	◆	◆	◆	
	Tenofovir-DF (TDF)	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	L	◆	◆	◆	◆	◆	◆	◆	
	Zidovudine (AZT/ZDV)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	Y	◆	◆	◆	◆	◆	◆	
<b>Other</b>	Bictegravir/F/TAF	●	■	■	●	●	●	●	●	●	●	■	■	■	●	●	●	●	●	●	●	●	■	●	●	●	●	●		
	Dolutegravir	◆	◆	◆	■	◆	◆	◆	◆	■	■	■	◆	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
	Elvitegravir/Cobi/F/TAF	■	●	■	●	●	●	●	●	●	●	●	■	■	●	●	●	●	●	●	●	●	●	●	■	■	■	■	●	
	Elvitegravir/Cobi/F/TDF	■	●	■	●	●	●	●	●	●	●	●	■	■	●	●	●	●	●	●	●	●	●	●	■	■	■	■	●	
	Enfuvirtide (T20)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	
	Maraviroc	■	■	■	■	■	■	■	■	■	■	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	■	■	■	■	■	◆	
	Raltegravir	▲	◆	◆	■	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	

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### 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.

### Key to abbreviations

ATV	Atazanavir (Reyataz®)	EFV	Efavirenz (Sustiva®, Stocrin®)
Cobi	Cobicistat (Tybost®)	ETV	Etravirine (Intelence®)
DRV	Darunavir (Prezista®)	NVP	Nevirapine (Viramune®)
FPV	Fosamprenavir (Telzir®, Lexiva®)	RPV	Rilpivirine (Edurant®)
IDV	Indinavir (Crixivan®)		
LPV	Lopinavir (Kaletra®)	ABC	Abacavir (Ziagen®)
RTV	Ritonavir (Norvir®)	ddl	Didanosine (Videx®, Videx-EC®)
SQV	Saquinavir (Invirase®)	FTC	Emtricitabine (Emtriva®)
TPV	Tipranavir (Aplivus®)	3TC	Lamivudine (Epivir®)
		d4T	Stavudine (Zerit®)
		TAF	Tenofovir alafenamide
		TDF	Tenofovir disoproxil fumarate (Viread®)
		ZDV	Zidovudine (Retrovir®)

BIC/F/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide
DTG	Dolutegravir (Tivicay®)
E/C/F/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide
E/C/F/TDF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate
MVC	Maraviroc (Celsentri®, Selzentry®)
RAL	Raltegravir (Isentress®)

### Co-formulations

Atripla®	Efavirenz + Emtricitabine + Tenofovir-DF
Biktarvy®	Bictegravir + Emtricitabine + Tenofovir alafenamide
Combivir®	Lamivudine + Zidovudine
Complera®	Emtricitabine + Rilpivirine + Tenofovir-DF
Descovy®	Emtricitabine + Tenofovir alafenamide
Eviplera®	Emtricitabine + Rilpivirine + Tenofovir-DF
Evotaz®	Atazanavir + Cobicistat
Genvoya®	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide
Juluca®	Dolutegravir + Rilpivirine
Kivexa®	Abacavir + Lamivudine
Odefsey®	Emtricitabine + Rilpivirine + Tenofovir alafenamide
Prezcobix®	Darunavir + Cobicistat
Rezolsta®	Darunavir + Cobicistat
Symtuza®	Darunavir + Cobicistat + Emtricitabine + Tenofovir alafenamide
Stribild®	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir-DF
Triumeq®	Abacavir + Lamivudine + Dolutegravir
Trizivir®	Abacavir + Lamivudine + Zidovudine
Truvada®	Emtricitabine + Tenofovir-DF