

Interactions Between Key Antiretroviral Drugs

Charts revised March 2021. Full information available at www.hiv-druginteractions.org

For personal use only. Not for distribution. For personal use only. Not for distribution. For personal use only. Not for distribution.

	Protease Inhibitors								NNRTIs					NRTIs					Integrase Inhibitors					Entry & Attachment																
	ATV Alone	ATV/cobi	ATV + r	DRV/cobi	DRV/c/FTC/TAF	DRV + r	LPV	RTV	DOR	DOR/3TC/TDF	EFV	ETR	NVP	RPV	RPV/FTC/TAF	ABC	FTC	FTC/TAF	FTC/TDF	3TC	TDF	ZDV	BIC/FTC/TAF	CAB/RPV (LA)	DTG	DTG/ABC/3TC	DTG/3TC	DTG/RPV	EVG/c/FTC/TAF	EVG/c/FTC/TDF	RAL	Albuviride	Fostemsavir	Ibalizumab	Maraviroc					
Protease Inhibitors	Atazanavir alone	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
	Atazanavir/cobicistat	●	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●			
	Atazanavir + ritonavir	●	■	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Darunavir/cobicistat	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Darunavir/cobi/FTC/TAF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Darunavir + ritonavir	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Lopinavir	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Ritonavir	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
NNRTIs	Doravirine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Doravirine/3TC/TDF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Efavirenz	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Etravirine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Nevirapine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Rilpivirine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Rilpivirine/FTC/TAF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
NRTIs	Abacavir (ABC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Emtricitabine (FTC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●		
	Emtricitabine/TAF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Emtricitabine/TDF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Lamivudine (3TC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Tenofovir-DF (TDF)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Zidovudine (AZT/ZDV)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Integrase Inhibitors	Bictegravir/F/TAF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Cabotegravir/Rilpivirine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Dolutegravir	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Dolutegravir/ABC/3TC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Dolutegravir/3TC	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Dolutegravir/Rilpivirine	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	Elvitegravir/Cobi/FTC/TAF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Elvitegravir/Cobi/FTC/TDF	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Raltegravir	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
Entry & Attachment	Albuviride (ABT)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Fostemsavir (FTR)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Ibalizumab (IBA)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
	Maraviroc (MVC)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

For personal use only. Not for distribution. For personal use only. Not for distribution. For personal use only. Not for distribution.

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.

Co-formulations

Atripla®	Efavirenz + Emtricitabine + Tenofovir-DF
Biktarvy®	Bictegravir + Emtricitabine + Tenofovir alafenamide
Combivir®	Lamivudine + Zidovudine
Complera®	Emtricitabine + Rilpivirine + Tenofovir-DF
Delstrigo®	Doravirine + Lamivudine + Tenofovir-DF
Descovy®	Emtricitabine + Tenofovir alafenamide
Dovato®	Lamivudine + Dolutegravir
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
Temixys®	Lamivudine + Tenofovir-DF
Triumeq®	Abacavir + Lamivudine + Dolutegravir
Trizivir®	Abacavir + Lamivudine + Zidovudine
Truvada®	Emtricitabine + Tenofovir-DF

Key to abbreviations

ATV	Atazanavir (Reyataz®)
ATV/cobi	Atazanavir/Cobicistat (Evotaz®)
ATV + r	Atazanavir + Ritonavir (Reyataz® + Norvir®)
DRV/cobi	Darunavir/Cobicistat (Rezolsta®, Prezcoibix®)
DRV/c/FTC/TAF	Darunavir, cobicistat, emtricitabine, tenofovir alafenamide (Symtuza®)
DRV + r	Darunavir + Ritonavir (Prezista® + Norvir®)
LPV	Lopinavir (Kaletra®)
RTV	Ritonavir (Norvir®)
DOR	Doravirine (Pifeltro®)
DOR/3TC/TDF	Doravirine/Lamivudine/ Tenofovir-DF (Delstrigo®)
EFV	Efavirenz (Sustiva®, Stocrin®)
ETR	Etravirine (Intencele®)
NVP	Nevirapine (Viramune®)
RPV	Rilpivirine (Edurant®)
ABC	Abacavir (Ziagen®)
FTC	Emtricitabine (Emtriva®)
3TC	Lamivudine (Epivir®)
TAF	Tenofovir alafenamide
TDF	Tenofovir disoproxil fumarate (Viread®)
ZDV	Zidovudine (Retrovir®)
BIC/FTC/TAF	Bictegravir + Emtricitabine + Tenofovir alafenamide (Biktarvy®)
CAB/RPV (LA)	Cabotegravir + Rilpivirine (long acting) (Cabenuva®)
DTG	Dolutegravir (Tivicay®)
EVG/c/FTC/TAF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir alafenamide (Genvoya®)
EVG/c/FTC/TDF	Elvitegravir + Cobicistat + Emtricitabine + Tenofovir disoproxil fumarate (Stribild®)
RAL	Raltegravir (Isentress®)
Albuviride	Albuviride (Aikening®)
Fostemsavir	Fostemsavir (Rukobia®)
Ibalizumab	Ibalizumab-uyk (Trogarzo®)
Maraviroc	Maraviroc (Celsentri®, Selzentry®)