

Antiretroviral Drug Interactions

Charts revised October 2009. Full information available at www.hiv-druginteractions.org

	PROTEASE INHIBITORS									NNRTIs				NRTIs						OTHER		
	ATV	DRV	FPV	IDV	LPV	NFV	RTV	SQV	TPV	DLV	EFV	ETR	NVP	ABC	ddl	FTC	3TC	d4T	TDF	ZDV	MVC	RAL
PIs																						
Atazanavir	■	◆	■	●	■	■	■	■	■	□	■	●	■	◆	■	◆	◆	◆	■	◆	■	■
Darunavir	◆	■	■	■	●	■	■	●	■	□	■	◆	◆	◆	■	◆	◆	◆	■	◆	■	◆
Fosamprenavir	■	■	■	◆	■	◆	■	●	■	■	■	●	■	◆	■	◆	◆	◇	■	◆	■	◇
Indinavir	●	■	◆	■	■	■	■	■	■	■	■	●	■	◆	■	◆	◆	◆	■	◆	■	◇
Lopinavir	■	●	■	■	■	■	■	■	●	■	■	■	■	■	■	◆	◆	◆	■	◆	■	◆
Nelfinavir	■	■	◆	■	■	■	■	◆	■	■	■	●	■	◆	■	◆	◆	◆	◆	◆	■	◇
Ritonavir	■	■	■	■	■	■	■	■	■	■	■	■	◆	◇	■	◆	◆	◆	■	◆	■	◆
Saquinavir	■	●	■	■	■	◆	■	■	●	■	■	◆	■	◇	■	◆	◆	◇	■	◆	■	◇
Tipranavir	■	●	●	■	●	■	■	●	■	□	◆	●	◆	■	■	◆	◆	◆	■	◆	◆	■
NNRTIs																						
Delavirdine	□	□	■	■	■	■	■	■	□	■	■	●	□	◇	■	◆	◇	◇	◇	◆	■	□
Efavirenz	■	■	■	■	■	■	■	■	◆	■	■	●	■	◆	◆	◆	◆	◆	◆	◆	■	■
Etravirine	●	◆	●	●	◆	●	■	●	●	●	●	■	●	◆	◆	◆	◆	◆	◆	◆	■	◆
Nevirapine	■	◆	■	■	■	■	◆	■	◆	□	■	■	■	◇	◆	◆	◆	◆	◆	◆	◆	◆
NRTIs																						
Abacavir	◆	◆	◆	◆	■	◆	◇	◇	■	◇	◆	◆	◇	■	□	◇	■	◇	■	◆	◆	◇
Didanosine (ddl)	■	■	■	■	■	■	■	■	■	■	◆	◆	◆	□	■	◇	■	●	●	◆	◆	◇
Emtricitabine (FTC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◇	◇	■	●	◆	◆	◆	◆	◇
Lamivudine (3TC)	◆	◆	◆	◆	◆	◆	◆	◆	◆	◇	◆	◆	◆	■	■	●	■	■	■	◆	◆	◆
Stavudine (d4T)	◆	◆	◇	◆	◆	◆	◆	◇	■	◇	◆	◆	◆	◇	●	◆	■	■	■	●	◆	◇
Tenofovir	■	■	■	■	■	◆	■	■	◆	◇	◆	◆	◆	■	●	◆	■	■	■	◇	◆	◆
Zidovudine (AZT/ZDV)	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	◆	◆	◆	◆	◆	●	◇	■	◆	◇
Other																						
Elvitegravir	■	◆	◆	□	■	□	■	□	◆	□	□	◆	□	◆	◆	◆	◇	◆	◆	◆	■	n/a
Enfuvirtide (T20)	◆	◆	◆	◆	◆	◆	◆	◆	■	◆	◆	◆	◆	◇	◇	◇	◇	◇	◇	◇	◆	◆
Maraviroc	■	■	■	■	■	■	■	■	◆	■	■	■	◆	◆	◆	◆	◆	◆	◆	◆	■	■
Raltegravir	■	◆	◇	◇	◆	◇	◆	◇	■	□	■	◆	◆	◇	◇	◇	◆	◆	◆	◇	◆	■

Key to abbreviations

ATV	Atazanavir (Reyataz®)
DRV	Darunavir (Prezista®)
FPV	Fosamprenavir (Telzir®, Lexiva®)
IDV	Indinavir (Crixivan®)
LPV	Lopinavir (Kaletra®)
NFV	Nelfinavir (Viracept®)
RTV	Ritonavir (Norvir®)
SQV	Saquinavir (Invirase®)
TPV	Tipranavir (Aptivus®)

DLV	Delavirdine (Rescriptor®)
EFV	Efavirenz (Sustiva®, Stocrin®)
ETR	Etravirine (Intelence®)
NVP	Nevirapine (Viramune®)
ABC	Abacavir (Ziagen®)
ddl	Didanosine (Videx®, Videx-EC®)
FTC	Emtricitabine (Emtriva®)
3TC	Lamivudine (Epivir®)
d4T	Stavudine (Zerit®)
TDF	Tenofovir (Viread®)
ZDV	Zidovudine (Retrovir®)

NRTI Coformulations

Combivir® (Lamivudine + Zidovudine)	
Kivexa® (Abacavir + Lamivudine)	Trizivir® (Abacavir + Lamivudine + Zidovudine)
Truvada® (Emtricitabine + Tenofovir)	Atripla® (Emtricitabine + Tenofovir + Efavirenz)

Key to symbols

Filled symbols indicate further information on the interaction is available at www.hiv-druginteractions.org.

Empty symbols indicate the combination has not been studied; an interaction has been predicted based on the metabolic profiles of the drugs.

●/○	These drugs should not be coadministered
■/□	Potential interaction – may require close monitoring, alteration of drug dosage or timing of administration
◆/◇	No clinically significant interaction expected
n/a	Not applicable. Unlikely to be coadministered.

Where advice differs between countries, and/or between boosted and unboosted regimens, the charts reflect the more cautious option.

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