

Drug Interactions with Oral Contraceptives

Antiretroviral	Effect on contraceptive	Effect on Antiretroviral	Potential Significance / Recommendation
ethinyl estradiol			
indinavir (IDV)	↑ in plasma levels (AUC ↑ 24%)	None	Caution advised. Indinavir often boosted with ritonavir. See ritonavir.
atazanavir (ATV)	↑ in plasma levels (AUC ↑ 48%)	None	Monitor for increase side effects. Reduction of dose may be required.
ritonavir (RTV)	↓ plasma levels (AUC ↓ 41%)	None	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
nelfinavir (NFV)	↓ plasma levels (AUC ↓ 47%)	None	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
saquinavir (FTV;INV)	Unknown	None	Caution advised when combined with ritonavir. Use alternative or additional form of contraception.
fosamprenavir (fAPV)	No change in AUC	AUC ↓ 22% Not clinically significant	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
lopinavir/ritonavir (LPV/r)	↓ plasma levels (AUC ↓ 41%)	None	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
efavirenz (EFV)	↑ in plasma levels (AUC ↑ 37%)	None	Not recommended as primary form of birth control. Interaction poorly characterized.
nevirapine (NVP)	↓ plasma levels (AUC ↓ 29%)	None	Not recommended as primary form of birth control.
delavirdine (DLV)	Unknown	Unknown	No clinical data.

Antiretroviral	Effect on contraceptive	Effect on Antiretroviral	Potential Significance / Recommendation
norethindrone			
indinavir (IDV)	↑ in plasma levels (AUC ↑ 24%)	None	Caution advised. Indinavir often boosted with ritonavir. See ritonavir.
atazanavir (ATV)	↑ in plasma levels (AUC ↑ 110%)	None	Monitor for increase side effects. Reduction of dose may be required.
ritonavir (RTV)	Unknown	None	Not recommended as primary form of birth control
nelfinavir (NFV)	↓ plasma levels (Cmin ↓ 46%)	None	Not recommended as primary form of birth control.
saquinavir (FTV;INV)	Unknown	Unknown	No clinical data.
fosamprenavir (fAPV)	↑ in plasma levels (AUC ↑ 18%)	None	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
lopinavir/ritonavir (LPV/r)	↓ plasma levels (AUC ↓ 17%)	None	Should not be used as sole form of contraception. Use alternative or additional form of contraception.
efavirenz (EFV)	Unknown	Unknown	Not recommended as primary form of birth control.
nevirapine (NVP)	↓ plasma levels (Cmin ↓ 18%)	None	Not recommended as primary form of birth control.
delavirdine (DLV)	Unknown	Unknown	No clinical data.