



## **Guidelines for the Use of Antiretroviral Agents in HIV-1-Infected Adults and Adolescents**

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**Table 16a. Interactions Between Protease Inhibitors\* (Last updated February 12, 2013; last reviewed February 12, 2013)**

\* Nelfinavir (NFV) and indinavir (IDV) are not included in this table. Refer to the NFV and IDV Food and Drug Administration package inserts for information regarding drug interactions.

<b>Drug Affected</b>	<b>ATV</b>	<b>FPV</b>	<b>LPV/r</b>	<b>RTV</b>	<b>SQV</b>	<b>TPV</b>
<b>DRV</b>	<u>Dose:</u> ATV 300 mg once daily + DRV 600 mg BID + RTV 100 mg BID	No data	<b>Should not be co-administered because doses are not established</b>	<u>Dose:</u> (DRV 600 mg + RTV 100 mg) BID or (DRV 800 mg + RTV 100 mg) once daily	<b>Should not be co-administered because doses are not established</b>	No data
<b>FPV</b>	<u>Dose:</u> Insufficient data	.	<b>Should not be co-administered because doses are not established</b>	<u>Dose:</u> (FPV 1400 mg + RTV [100 mg or 200 mg]) once daily or (FPV 700 mg + RTV 100 mg) BID	<u>Dose:</u> Insufficient data	<b>Should not be co-administered because doses are not established</b>
<b>LPV/r</b>	<u>Dose:</u> ATV 300 mg once daily + LPV/r 400/100 mg BID	<b>Should not be co-administered because doses are not established</b>	.	LPV is co-formulated with RTV and marketed as Kaletra.	<u>Dose:</u> SQV 1000 mg BID + LPV/r 400/100 mg BID	<b>Should not be co-administered because doses are not established</b>
<b>RTV</b>	<u>Dose:</u> (ATV 300 mg + RTV 100 mg) once daily	<u>Dose:</u> (FPV 1400 mg + RTV [100 mg or 200 mg]) once daily or (FPV 700 mg + RTV 100 mg) BID	LPV is co-formulated with RTV and marketed as Kaletra.	.	<u>Dose:</u> (SQV 1000 mg + RTV 100 mg) BID	<u>Dose:</u> (TPV 500 mg + RTV 200 mg) BID
<b>SQV</b>	<u>Dose:</u> Insufficient data	<u>Dose:</u> Insufficient data	<u>Dose:</u> SQV 1000 mg BID + LPV/r 400/100 mg BID	<u>Dose:</u> (SQV 1000 mg + RTV 100 mg) BID	.	<b>Should not be co-administered because doses are not established</b>

**Key to Abbreviations:** ATV = atazanavir, BID = twice daily, DRV = darunavir, FDA = Food and Drug Administration, FPV = fosamprenavir, IDV = indinavir, LPV/r = lopinavir/ritonavir, NFV = nelfinavir, PI = protease inhibitor, RTV = ritonavir, SQV = saquinavir, TPV = tipranavir