

**TABLE 1: Routes of Elimination of Antiretroviral Agents and the Effect on CYP450**

<b>Drug</b>	<b>Elimination</b>	<b>Effect on CYP450 System</b>
Zidovudine (AZT, ZDV)	Hepatic metabolism with renal excretion	None
Didanosine (ddl)	Renal excretion 50%	None
Zalcitabine (ddC)	Renal excretion 70%	None
Stavudine (d4T)	Renal excretion 50%	None
Lamivudine (3TC)	Renal excretion 70%	None
Tenofovir (TDF)	Renal excretion 70-80%	None
Abacavir (ABC)	Hepatic	Insignificant
Emtricitabine (FTC)	Renal excretion 86%	None
Nevirapine (NVP)	Hepatic	CYP3A4 inducer
Delavirdine (DLV)	Hepatic	CYP3A4 inhibitor
Efavirenz (EFV)	Hepatic	CYP3A4 inducer/inhibitor
Saquinavir (SQV)	Hepatic	CYP3A4 inhibitor
Ritonavir (RTV)	Hepatic	CYP3A4 inhibitor CYP2D6 inhibitor (3A4 inhibition >2D6) 3A4 and CYP1A2 inducer
Indinavir (IDV)	Hepatic	CYP3A4 inhibitor
Nelfinavir (NFV)	Hepatic	CYP3A4 inhibitor
Amprenavir (APV)	Hepatic	CYP3A4 inhibitor
Lopinavir/ritonavir (LPV/rtv)	Hepatic	CYP3A4 inhibitor CYP2D6 inhibitor (3A4 inhibition >2D6) 3A4 and CYP1A2 inducer
Atazanavir (ATZ)	Hepatic	CYP3A4 inhibitor, CYP1A2, CYP2C9 inhibitor
Fosamprenavir (FPV)	Hepatic	CYP3A4 inhibitor
Enfuvirtide (ENF)	Hepatic	None

*Adapted from Reference 21.*