Drug-Drug Interaction Guide: From HIV Prevention to Treatment





Class or Drug	Mechanism of Action	Clinical Comments
 Other NRTIs Dolutegravir (DTG) Bictegravir (BIC) Cabotegravir (CAB) Raltegravir (RAL) Elvitegravir (EVG), boosted Other boosted PIs Rilpivirine (RPV) Efavirenz (EFV) Etravirine (ETR) Doravirine (DOR) Fostemsavir (FTR) 	No significant interactions reported.	No dose adjustments are necessary.
Abacavir (ABC)	Alcohol: ABC is metabolized via alcohol dehydrogenase, and competitive metabolism may increase exposure to ABC.	 Alcohol: Use may increase ABC concentrations; monitor for ABC-related adverse effects. ABC does not appear to increase blood alcohol concentrations.
 Ritonavir (RTV; oral solutions) Lopinavir/ritonavir (LPV/RTV; oral suspension or capsules) 	All contain alcohol and may potentiate symptoms of consumption of ethanol.	Disulfiram: ARVs formulated with alcohol induce same aversive effects as consumption of ethanol.

 $\textbf{Abbreviations:} \ \mathsf{ARV}, \ \mathsf{antiretroviral}; \ \mathsf{NRTI}, \ \mathsf{nucleoside} \ \mathsf{reverse} \ \mathsf{transcriptase} \ \mathsf{inhibitor}; \ \mathsf{PI}, \ \mathsf{protease} \ \mathsf{inhibitor}.$

Note:

a. Clinicians are advised to inform patients that alcohol should be consumed with caution while taking a prescription medication and should educate patients about how medications may affect their response to alcohol. Clinicians are advised to caution patients against driving or operating heavy machinery after consuming alcohol.