

Please refer to the **Drug Interactions** section of the Adult Guidelines for more detailed discussions.

Table 15d. Drug Interactions Between CCR5 Antagonists and Other Drugs

This table provides information relating to pharmacokinetic interactions between maraviroc and non-antiretroviral drugs. For interactions among antiretroviral agents and dosing recommendations, please refer to [Table 16b](#).

Concomitant Drug Class/Name	CCR5 Antagonist	Effect on CCR5 Antagonist or Concomitant Drug Concentrations	Dosing Recommendations and Clinical Comment
Antifungals			
Fluconazole Posaconazole	MVC	No data	
Itraconazole	MVC	No data possible ↑ MVC levels	Dose: MVC 150mg BID
Ketoconazole	MVC	↑ MVC AUC 5x	Dose: MVC 150mg BID
Voriconazole	MVC	No data possible ↑ MVC levels	Consider dose reduction to MVC 150mg BID.
Anticonvulsants			
Carbamazepine Phenobarbital Phenytoin	MVC	No data possible ↓ MVC levels	If used without a strong CYP3A inhibitor: MVC 600mg BID or use alternative antiepileptic agent.
Anti-mycobacterials			
Clarithromycin	MVC	No data possible ↑ MVC levels	Dose: MVC 150mg BID
Rifabutin	MVC	No data possible ↓ MVC levels	If used without a strong CYP3A inducer or inhibitor: MVC 300mg BID. If used with a strong CYP3A inhibitor: MVC 150mg BID.
Rifampin	MVC	↓ MVC AUC 64%	If used without a strong CYP3A inhibitor: MVC 600mg BID. If used with a strong inhibitor: 300mg BID
Herbal Products			
St. John's wort	MVC	No data possible ↓ MVC levels	Administration of St. John's wort with MVC is not recommended.
Hormonal Contraceptives			
Hormonal Contraceptives	MVC	No significant effect.	Safe to use in combination.

Abbreviation: MVC = maraviroc.

Table 15e. Drug Interactions Between Antiretrovirals and Other Drugs: Integrase Inhibitors

Concomitant Drug Class/Name	Integrase Inhibitors	Effect on Integrase Inhibitor or Concomitant Drug Concentrations	Clinical Comment
Anti-mycobacterials			
Rifampin	RAL	↓ RAL AUC 40%, C _{min} 61%	Clinical significance unknown. Should consider using rifabutin as alternative. If rifampin is to be used, monitor for antiretroviral efficacy.

Abbreviation: RAL = raltegravir.