

# Antipsychotic Treatment Selector

Charts revised July 2019. Full information available at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org)

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	ATV/c	ATV/r	DRV/c	DRV/r	LPV/r	DOR	EFV	ETV	NVP	RPV	MVC	BIC/ F/TAF	DTG	EVG/c/ F/TAF	EVG/c/ F/TDF	RAL	ABC	FTC or 3TC	F/TAF	TDF	ZDV
<b>Atypical Antipsychotics</b>																					
Amisulpride	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Aripiprazole	↑	↑	↑	↑	↑	↔	↓	↓	↓	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Asenapine	↑	↓	↑	↓	↓	↔	↓	↓	↓	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Clozapine	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Olanzapine	↔	↔	↔	↔	↔	↔	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Paliperidone	↑	↑	↑	↑	↑	↔	↓	↓	↓	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Quetiapine	↑ <sup>b</sup> ♥	↑ <sup>b</sup> ♥	↑ <sup>b</sup>	↑ <sup>b</sup>	↑ <sup>b</sup> ♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑ <sup>b</sup>	↑ <sup>b</sup>	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Risperidone	↑	↑	↑	↑	↑	↔	↓	↓	↓	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Zotepine	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
<b>Phenothiazines</b>																					
Chlorpromazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Fluphenazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Levomepromazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Perazine	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Periciazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Perphenazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Pimozide	↑♥	↑♥	↑	↑	↑♥	↔	↑ <sup>c</sup>	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Prochlorperazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Thioridazine	↑♥	↑♥	↑	↑	↑♥	↓	↓	↓	↓	↓♥	↓	↓ <sup>d</sup>	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
<b>Others</b>																					
Haloperidol	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↑	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Iloperidone	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Pipotiazine	↑♥	↑♥	↑	↑	↑♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>
Sulpiride	↔♥	↔♥	↔	↔	↔♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Tiapride	↔♥	↔♥	↔	↔	↔♥	↔	↔	↔	↔	↔♥	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
Ziprasidone	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔
Zuclopenthixol	↑♥	↑♥	↑	↑	↑♥	↔	↓	↓	↓	↔♥	↔	↔	↔	↑	↑	↔	↔	↔	↔	↔	↔ <sup>a</sup>

**Colour Legend**

	No clinically significant interaction expected.
	These drugs should not be coadministered.
	Potential interaction which may require a dose adjustment or close monitoring.
	Potential interaction predicted to be of weak intensity. No <i>a priori</i> dosage adjustment is recommended.

**Text Legend**

↑	Potential increased exposure of the antipsychotic	↑↑	Potential increased exposure of HIV drug
↓	Potential decreased exposure of the antipsychotic	↓↓	Potential decreased exposure of HIV drug
↔	No significant effect		
♥	One or both drugs may cause QT and/or PR prolongation. ECG monitoring is advised if coadministered with atazanavir or lopinavir; caution is advised with rilpivirine as supratherapeutic doses of rilpivirine (75 and 300 mg once daily) were shown to prolong the QT interval.		

**Notes**

- a Potential haematological toxicity
- b Coadministration contraindicated in the European SPC however US Prescribing Information recommends quetiapine should be reduced to one sixth of the original dose if coadministered with a potent CYP3A4 inhibitor. The charts reflect the more cautious option.
- c Coadministration contraindicated in the European SPC but not in the US Prescribing Information for Sustiva. The charts reflect the more cautious option.
- d No effect on FTC or TAF is expected, but bictegravir concentrations may decrease.