

# Antipsychotic Treatment Selector

Charts revised November 2017. Full information available at [www.hiv-druginteractions.org](http://www.hiv-druginteractions.org)

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	ATV/r	DRV/r	LPV/r	EFV	ETV	NVP	RPV	MVC	DTG	RAL	ABC	FTC	3TC	TDF	ZDV	E/C/F/TAF	E/C/F/TDF	
Atypical Antipsychotics	Amisulpride	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	
	Aripiprazole	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑	
	Asenapine	↓	↓	↓	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Clozapine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↓	↓	↓	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
	Olanzapine	↓	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔
	Paliperidone	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Quetiapine	↑ <sup>b</sup>	↑ <sup>b</sup>	↑ <sup>b</sup>	↓	↓	↓	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑ <sup>b</sup>	↑ <sup>b</sup>
	Risperidone	↑	↑	↑	↓	↓	↓	↔	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
Phenothiazines	Chlorpromazine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↔	↔	↔	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
	Fluphenazine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↔	↔	↔	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
	Perphenazine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↔	↔	↔	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
	Pimozide	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↑	↓	↓	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Prochlorperazine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↔	↔	↔	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
	Thioridazine	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↓	↓	↓	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔ <sup>d</sup>	↑	↑
Others	Haloperidol	↑ <sup>a</sup>	↑	↑ <sup>a</sup>	↓	↓	↓	↔ <sup>c</sup>	↑	↔	↔	↔	↔	↔	↔	↔	↑	↑
	Sulpiride	↔ <sup>a</sup>	↔	↔ <sup>a</sup>	↔	↔	↔	↔ <sup>c</sup>	↔	↔	↔	↔	↔	↔	↔	↔	↔	↔

**Colour Legend**

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

**Text Legend**

- ↑ Potential increased exposure of the antipsychotic
- ↓ Potential decreased exposure of the antipsychotic
- ↔ No significant effect
- ↑ Potential increased exposure of HIV drug

- a Both drugs can potentially prolong the QT interval, ECG monitoring recommended.
- 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 Rilpivirine's manufacturer recommends caution when coadministering with another drug susceptible to prolong QT interval as supratherapeutic dose of rilpivirine (75 and 300 mg once daily) were shown to prolong QT interval.
- d Potential haematological toxicity