

Antipsychotic Receptor Binding Affinities				
Antipsychotic	Dopamine (D2) blockade	Histamine (H1) blockade	Alpha1 blockade	Muscarinic (M1) blockade
Clinical effects of blockade	EPS, akathisia	Sedation, weight gain	Orthostasis, dizziness	Constipation, dry mouth, and blurred vision
Aripiprazole <sup>1</sup>	++++	++	++	-
Asenapine	+++	+++	+++	+
Brexiprazole <sup>1</sup>	+++	++	+++	-
Cariprazine <sup>1</sup>	++++	++	++	-
Chlorpromazine	+++	++++	++++	+++
Clozapine	+	++++	++++	++++
Haloperidol	++++	-	+	-
Iloperidone	+++	++	+++	-
Lurasidone	+++	-	++	-
Olanzapine	++	+++	+	+++
Paliperidone	+++	+	+++	-
Quetiapine	+	+++	+++	+
Risperidone	+++	+	+++	-
Ziprasidone	+++	+	+	-

+weak binding affinity; ++++strong binding affinity; <sup>1</sup>partial D2 agonist activity

Adapted from: Correll CU, *Eur Psychiatry* 2010;25 Suppl 2:S12-21; Horacek J et al, *CNS Drugs* 2006;20(5):389-409; Kusumi I et al, *Psychiatry Clin Neurosci* 2015;69(5):243-258; Maeda K et al, *J Pharmacol Exp Ther* 2014;350(3):589-604; Kiss B et al, *J Pharmacol Exp Ther* 2010;333(1):328-340.

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