



Pentiapine

Catalog No: tcsc0018131

Availa	able Sizes
Size: 1mg	
Size: 5mg	
Size: 10mg	
Specif	fications
CAS No: 81382-51-6	
Formula: C ₁₅ H ₁₇ N ₅ S	
Pathway: GPCR/G Protei	n;Neuronal Signaling
Target: Dopamine Rec	ceptor;Dopamine Receptor
Purity / Grad >98%	le:
Solubility: 10 mM in DMS	5O
Alternative N CGS 10746	Names:
Observed Mo	olecular Weight:
Product D	escription





Pentiapine is a novel **dopamine release** inhibitor.

IC50 & Target: Dopamine receptor^[1]

In Vivo: Pentiapine is a novel dopamine release inhibitor. The results show that Pentiapine dose-dependently reduces motor activity of mice. Moreover, Pentiapine dose-dependently reduces morphine-induced hyperactivity. Newman-Keuls post-hoc comparisons indicate that the group receiving morphine plus saline presents more activity than the groups receiving morphine plus 2 (P[1]. 30 mg/kg dose of Pentiapine completely blocks the methylenedioxymethamphetamine (MDMA) conditioned place preference (CPP) and also blocks the establishment of a cocaine CPP^[2].

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!