

Product Name	: Clozapramine dihydrochloride hydrate
Synonyms	: —
Cat No.	: M26121
CAS Number	: 60789-62-0
Molecular Formula	: C ₂₈ H ₄₁ Cl ₃ N ₄ O ₂
Formula Weight	: 572.0
Chemical Name	: —
Description	Clozapramine hydrochloride hydrate is an antagonist of the 5-HT _{2A} and D ₂ receptors. (In Vivo): Clozapramine shows the lowest potency for D ₂ -occupancy in vivo. An in vivo receptor binding technique is used to evaluate the binding profiles of typical and atypical antipsychotic drugs to striatal dopamine-D ₂ and frontal serotonin-5-HT ₂ receptors in a rat brain using more specific ligands. Clozapramine produces ratios of potency in occupying 5-HT ₂ versus D ₂ receptors that fall between these two groups (ED ₅₀ s: 14.5 mg/kg for D ₂ , 4.9 mg/kg for 5-HT ₂).
Pathway	: Others
Target	: Other Targets
Receptor	: Wnt
Solubility	: —
SMILES	: O.Cl.Cl.NC(=O)C1(CCN(CCCN2c3ccccc3CCc3ccc(Cl)cc23)CC1)N1CCCCC1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1.Charlene F. Barroga, et al. Diketones and hydroxyketones as catenin signaling pathway activators. WO2012024404A1.