

Antipsychotic agent-2

Chemical Properties

CAS No. :

Formula: C₂₂H₂₆N₅O

Molecular Weight: 395.47

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Antipsychotic agent-2 (Compound 11) is a potent antipsychotic with high affinities for 5-HT _{1A} , 5-HT _{2A} , 5-HT _{2C} , D ₂ , and H ₁ receptors, exhibiting K _i values of 56.6, 66.7, 552, 596, and 1140 nM, respectively. It also possesses blood-brain barrier (BBB) permeability [1].
Targets(IC ₅₀)	Others,5-HT Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5286 mL	12.6432 mL	25.2864 mL
5 mM	0.5057 mL	2.5286 mL	5.0573 mL
10 mM	0.2529 mL	1.2643 mL	2.5286 mL
50 mM	0.0506 mL	0.2529 mL	0.5057 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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