

5-HT2A/5-HT2C inverse agonist 1

Chemical Properties

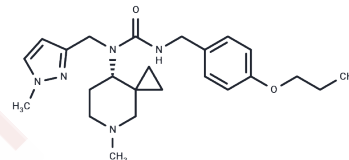
CAS No. : 2718990-76-0

Formula: C₂₄H₃₅N₅O₂

Molecular Weight: 425.57

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	5-HT _{2A} /5-HT _{2C} inverse agonist 1 serves as a dual and potent inverse agonist for the 5-HT _{2A} and 5-HT _{2C} receptors, with hERG inhibition properties that mitigate cardiovascular risks. Demonstrating significant antipsychotic efficacy in the MK-801-induced mouse model, this compound holds potential for psychosis research.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3498 mL	11.7489 mL	23.4979 mL
5 mM	0.470 mL	2.3498 mL	4.6996 mL
10 mM	0.235 mL	1.1749 mL	2.3498 mL
50 mM	0.047 mL	0.235 mL	0.470 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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