

5-HT2CR agonist 1

Chemical Properties

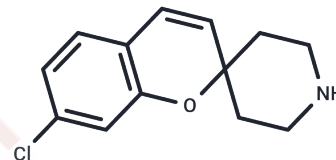
CAS No. : 1216074-15-5

Formula: C₁₃H₁₄ClNO

Molecular Weight: 235.71

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	The compound 5-HT2CR agonist 1 (compound 8), a 7-chloro analogue, is a selective partial agonist for the 5-HT2C receptor, exhibiting an Emax of 71.09% and an EC50 of 121.5 nM, with no activity observed toward 5-HT2A or 5-HT2B receptors. It does not recruit β -arrestin and shows low hERG inhibition at 10 μ M [1].
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2425 mL	21.2125 mL	42.425 mL
5 mM	0.8485 mL	4.2425 mL	8.485 mL
10 mM	0.4243 mL	2.1213 mL	4.2425 mL
50 mM	0.0849 mL	0.4243 mL	0.8485 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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