

5-HT2A receptor agonist-10

Chemical Properties

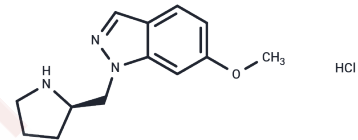
CAS No. : 3031053-17-2

Formula: C₁₃H₁₈ClN₃O

Molecular Weight: 267.76

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-HT2A receptor agonist-10 (Compound (R)-I-121.HCl) acts as a 5-HT2A receptor agonist with IC ₅₀ values of 2192.39 nM for h5-HT2A and 33.57 nM for h5-HT1A. It is applicable in research related to psychiatric disorders, mental illnesses, and central nervous system diseases.
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7347 mL	18.6734 mL	37.3469 mL
5 mM	0.7469 mL	3.7347 mL	7.4694 mL
10 mM	0.3735 mL	1.8673 mL	3.7347 mL
50 mM	0.0747 mL	0.3735 mL	0.7469 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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