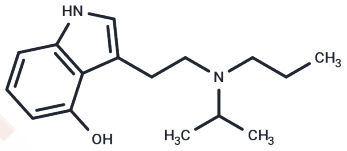
Data Sheet (Cat.No.T211754)

TargetMol

5-HT2A agonist 3

Chemical Properties



CAS No. : 2945111-66-8

Formula: C16H24N2O

Molecular Weight: 260.38

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 agonist 3 (Compound P-141) is a selective agonist of the 5-hydroxytryptamine 2A receptor (5-HT2A) with an EC50 value of 13.80 nM. It shows potential for use in research on mental disorders such as depression, post-traumatic stress disorder, obsessive-compulsive disorder, and other central nervous system-related conditions.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8405 mL	19.2027 mL	38.4054 mL
5 mM	0.7681 mL	3.8405 mL	7.6811 mL
10 mM	0.3841 mL	1.9203 mL	3.8405 mL
50 mM	0.0768 mL	0.3841 mL	0.7681 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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