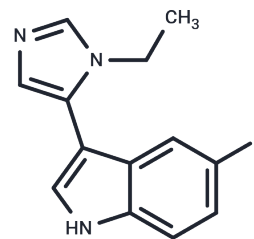


AGH-107

Chemical Properties

CAS No. : 2172907-10-5
 Formula: C₁₃H₁₂IN₃
 Molecular Weight: 337.16
 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	AGH-107 is a highly selective 5-HT ₇ receptor agonist that can cross the blood-brain barrier, featuring a K _i value of 6 nM and an EC ₅₀ value of 19 nM. Demonstrating high selectivity for central nervous system targets, AGH-107 also exhibits high metabolic stability and low toxicity in HEK-293 and HepG2 cell cultures.
Targets(IC ₅₀)	5-HT Receptor,CDK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.966 mL	14.8298 mL	29.6595 mL
5 mM	0.5932 mL	2.966 mL	5.9319 mL
10 mM	0.2966 mL	1.483 mL	2.966 mL
50 mM	0.0593 mL	0.2966 mL	0.5932 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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