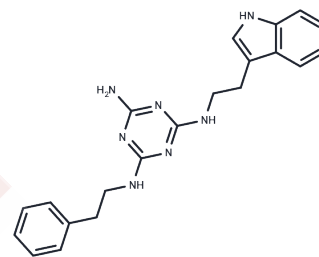


5-HT7 receptor ligand 1

Chemical Properties

CAS No. :	2758571-64-9
Formula:	C ₂₁ H ₂₃ N ₇
Molecular Weight:	373.45
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-HT7 receptor ligand 1 is a potent and highly selective 5-HT7 receptor ligand used as a pharmacological tool for circadian rhythm and memory research.
Targets(IC50)	5-HT Receptor
In vitro	5-HT7 receptor ligand 1 shows potent affinity for 5-HT7 (K _i = 8 nM) and exhibits no hepatotoxicity in vitro [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6777 mL	13.3887 mL	26.7773 mL
5 mM	0.5355 mL	2.6777 mL	5.3555 mL
10 mM	0.2678 mL	1.3389 mL	2.6777 mL
50 mM	0.0536 mL	0.2678 mL	0.5355 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.

Reference

Palisse A, et al., Structure-Based Discovery of a Series of Covalent, Orally Bioavailable, and Selective BFL1 Inhibitors. J Med Chem. 2024 Dec 26;67(24):22055-22079.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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