

5-HT5AR/5-HT6R ligand-1

Chemical Properties

CAS No. :

Formula: C₂₅H₃₀N₄O₂S

Molecular Weight: 450.6

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-HT5AR/5-HT6R ligand-1 (Compound PP10) is a ligand for serotonin receptors, exhibiting high affinity for the 5-HT5A and 5-HT6 receptors with K _i values of 59 nM and 96 nM, respectively. It possesses some antiproliferative activity against tumor cells and can be utilized in cancer research.
Targets(IC50)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2193 mL	11.0963 mL	22.1926 mL
5 mM	0.4439 mL	2.2193 mL	4.4385 mL
10 mM	0.2219 mL	1.1096 mL	2.2193 mL
50 mM	0.0444 mL	0.2219 mL	0.4439 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.

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