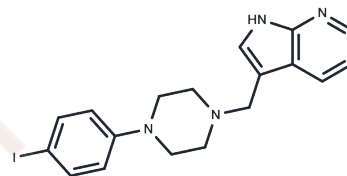


L-750667

Chemical Properties

CAS No. : 158985-08-1
 Formula: C₁₈H₁₉N₄
 Molecular Weight: 418.28
 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	L-750667 is a selective dopamine D4 receptor antagonist ligand. The compound labeled with I specifically binds to dopamine D4 receptors in the rat retina, exhibiting a K _d value of 0.06 nM. L-750667 is involved in the regulation of light-sensitive cAMP pools.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3907 mL	11.9537 mL	23.9074 mL
5 mM	0.4781 mL	2.3907 mL	4.7815 mL
10 mM	0.2391 mL	1.1954 mL	2.3907 mL
50 mM	0.0478 mL	0.2391 mL	0.4781 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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