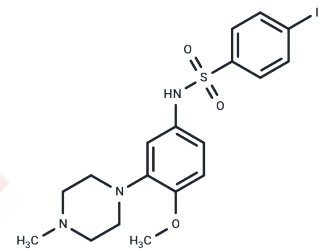


SB 258585

Chemical Properties

CAS No. : 209480-63-7
 Formula: C₁₈H₂₂IN₃O₃S
 Molecular Weight: 487.36
 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	SB 258585 is a selective 5-HT ₆ receptor antagonist. SB 258585 has a high affinity for individual receptor populations in cell lines with human recombinant 5-HT ₆ receptors. SB 258585 can be used to label both recombinant and natural 5-HT ₆ receptors, and can be used to assay cognitive enhancement and antipsychotic activity.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (102.59 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0519 mL	10.2594 mL	20.5187 mL
5 mM	0.4104 mL	2.0519 mL	4.1037 mL
10 mM	0.2052 mL	1.0259 mL	2.0519 mL
50 mM	0.041 mL	0.2052 mL	0.4104 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

Hirst WD, et al. Characterization of [(125)I]-SB-258585 binding to human recombinant and native 5-HT(6) receptors in rat, pig and human brain tissue. Br J Pharmacol. 2000 Aug;130(7):1597-605.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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