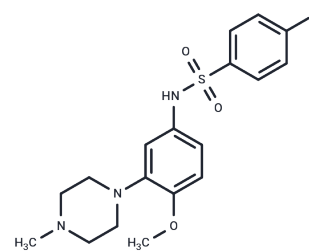


SB 258585

Chemical Properties

CAS No. : 209480-63-7
Formula: C₁₈H₂₂IN₃O₃S
Molecular Weight: 487.36
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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) (< 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.

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

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