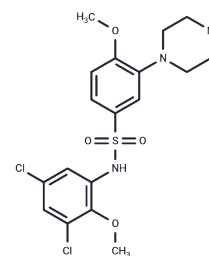


SB399885

## Chemical Properties

CAS No. : 402713-80-8  
 Formula: C<sub>18</sub>H<sub>21</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>4</sub>S  
 Molecular Weight: 446.35  
 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	SB399885 (SB 399885) is an effective, brain penetrant, and orally active antagonist of SR-6. It shows 200-fold selectivity for SR-6 over other serotonin receptors (pKi: 9.11, 8.81, and 9.02 for human recombinant, native rat, and native human SR-6 receptors, respectively).
Targets(IC50)	5-HT Receptor

## Solubility Information

Solubility	DMSO: 55 mg/mL (123.22 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	2.2404 mL	11.202 mL	22.4039 mL
5 mM	0.4481 mL	2.2404 mL	4.4808 mL
10 mM	0.224 mL	1.1202 mL	2.2404 mL
50 mM	0.0448 mL	0.224 mL	0.4481 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

Abraham R, Nirogi R, Shinde A, Benade VS. Therapeutic Potential of 5-HT<sub>6</sub> Antagonist SB399885 in Traumatic Stress Disorder. Drug Res (Stuttg). 2015 Aug;65(8):442-5. doi: 10.1055/s-0034-1390418. Epub 2014 Oct 13. PubMed PMID: 25310249.

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