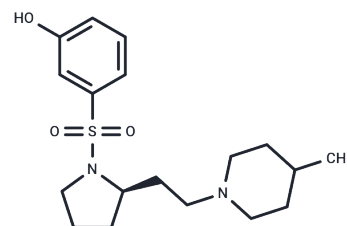


SB-269970

Chemical Properties

CAS No. : 201038-74-6
 Formula: C₁₈H₂₈N₂O₃S
 Molecular Weight: 352.49
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SB-269970 is a antagonist of 5-HT ₇ receptor(pK _i of 8.3).
Targets(IC ₅₀)	5-HT Receptor
In vivo	Amphetamine and ketamine-induced hyperactivity significantly blocked by SB-269970 (3-30 mg/kg; i.p.; once)[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.837 mL	14.1848 mL	28.3696 mL
5 mM	0.5674 mL	2.837 mL	5.6739 mL
10 mM	0.2837 mL	1.4185 mL	2.837 mL
50 mM	0.0567 mL	0.2837 mL	0.5674 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

Hagan JJ, et al. Characterization of SB-269970-A, a selective 5-HT(7) receptor antagonist. Br J Pharmacol. 2000 Jun; 130(3):539-48.

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