

SB-200646

Chemical Properties

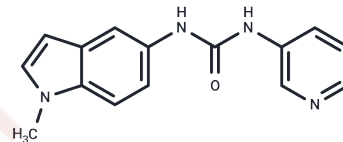
CAS No. : 143797-63-1

Formula: C₁₅H₁₄N₄O

Molecular Weight: 266.3

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-200646 is a selective and potent antagonist of 5-HT _{2B} /5-HT _{2C} receptor
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 53 mg/mL (199.02 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	3.7552 mL	18.7758 mL	37.5516 mL
5 mM	0.751 mL	3.7552 mL	7.5103 mL
10 mM	0.3755 mL	1.8776 mL	3.7552 mL
50 mM	0.0751 mL	0.3755 mL	0.751 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

Kennett GA, et al. In vivo properties of SB 200646A, a 5-HT_{2C}/2B receptor antagonist. Br J Pharmacol. 1994 Mar;111(3):797-802.

Blackburn TP, et al. The acute and chronic administration of the 5-HT(2B/2C) receptor antagonist SB-200646A significantly alters the activity of spontaneously active midbrain dopamine neurons in the rat: An in vivo extracellular single cell study. Synapse. 2006 Jun 15;59(8):502-12.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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