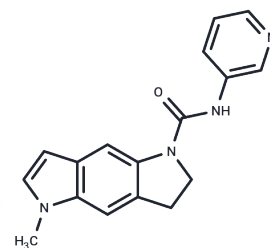


SB 206553

Chemical Properties

CAS No. : 158942-04-2
 Formula: C₁₇H₁₆N₄O
 Molecular Weight: 292.34
 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 206553 is a 5-HT _{2C} inverse agonist that can attenuate methamphetamine-seeking behavior in rats. It exhibits activity for 5-HT ₂ receptor ligands with pK _i values of 5.6 nM (5-HT _{2A}), 7.7 nM (5-HT _{2B}), and 7.8 nM (5-HT _{2C}) in HEK-293 or CHO-K1 cells expressing human recombinant 5-HT ₂ receptors. SB 206553 can be used for research into psychostimulant abuse disorders [1].
Targets(IC ₅₀)	5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4207 mL	17.1034 mL	34.2067 mL
5 mM	0.6841 mL	3.4207 mL	6.8413 mL
10 mM	0.3421 mL	1.7103 mL	3.4207 mL
50 mM	0.0684 mL	0.3421 mL	0.6841 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.

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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