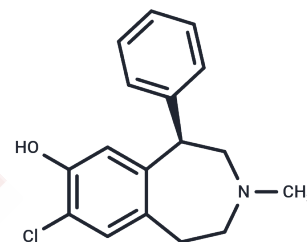


SCH-23390

Chemical Properties

CAS No. : 87075-17-0
 Formula: C₁₇H₁₈ClNO
 Molecular Weight: 287.784
 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	SCH-23390 is a dopamine D1-like receptor antagonist (with K _i values of 0.2 nM for the D1 receptor subtype and 0.3 nM for the D5 receptor subtype). It reduces the latency of lever pressing behavior induced by cocaine in rats. Additionally, SCH-23390 can eliminate generalized seizures triggered by the chemical convulsants pilocarpine and soman, making it useful for studies on neurodegenerative diseases related to the dopamine system.
Targets(IC50)	Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4749 mL	17.3744 mL	34.7488 mL
5 mM	0.695 mL	3.4749 mL	6.9498 mL
10 mM	0.3475 mL	1.7374 mL	3.4749 mL
50 mM	0.0695 mL	0.3475 mL	0.695 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

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