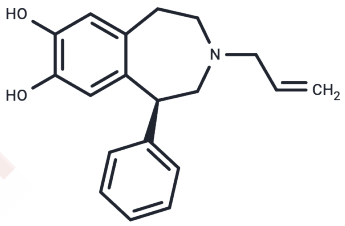
Data Sheet (Cat.No.T24801)

TargetMol

SKF-77434, (S)-

Chemical Properties



CAS No. : 139689-10-4

Formula: C19H21NO2

Molecular Weight: 295.38

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	SKF-77,434 is a drug that acts as a selective dopamine D1 receptor partial agonist. It also has stimulant and anorectic effects.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3855 mL	16.9273 mL	33.8547 mL
5 mM	0.6771 mL	3.3855 mL	6.7709 mL
10 mM	0.3385 mL	1.6927 mL	3.3855 mL
50 mM	0.0677 mL	0.3385 mL	0.6771 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

Cauli O, Morelli M. Subchronic caffeine administration sensitizes rats to the motor-activating effects of dopamine D (1) and D(2) receptor agonists. Psychopharmacology (Berl). 2002 Jul;162(3):246-54. Epub 2002 May 14. PubMed PMID: 12122482.

Mutschler NH, Bergman J. Effects of chronic administration of the D1 receptor partial agonist SKF 77434 on cocaine self-administration in rhesus monkeys. Psychopharmacology (Berl). 2002 Apr;160(4):362-70. Epub 2002 Feb 12. PubMed PMID: 11919663.

Schindler CW, Gilman JP, Bergman J, Mello NK, Woosley RL, Goldberg SR. Interactions between cocaine and dopamine agonists on cardiovascular function in squirrel monkeys. J Pharmacol Exp Ther. 2002 Jan;300(1):180-7. PubMed PMID: 11752114.

Platt DM, Rowlett JK, Spealman RD. Modulation of cocaine and food self-administration by low- and high-efficacy D1 agonists in squirrel monkeys. Psychopharmacology (Berl). 2001 Sep;157(2):208-16. PubMed PMID: 11594448.

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