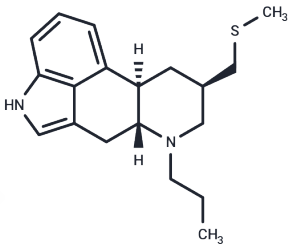
Data Sheet (Cat.No.T21340)

TargetMol

Pergolide

Chemical Properties



CAS No. : 66104-22-1

Formula: C19H26N2S

Molecular Weight: 314.49

Storage: Store at low temperature,Keep away from moisture
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	Pergolide is a long-acting and orally active dopamine receptor D1/D2 agonist and ergoline derivative, used in the study of Parkinson's disease, hyperprolactinemia, and prolactinomas.
Targets(IC50)	Dopamine Receptor

Solubility Information

Solubility	DMSO: 4 mg/mL (12.72 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1798 mL	15.8988 mL	31.7975 mL
5 mM	0.636 mL	3.1798 mL	6.3595 mL
10 mM	0.318 mL	1.5899 mL	3.1798 mL
50 mM	0.0636 mL	0.318 mL	0.636 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

Van Camp G, et al. Treatment of Parkinson's disease with pergolide and relation to restrictive valvular heart disease. Lancet. 2004 Apr 10;363(9416):1179-83.

Zhang X,et,al. Topical Pergolide Enhance Corneal Nerve Regrowth Following Induced Corneal Abrasion. Invest Ophthalmol Vis Sci. 2020 Jan 23;61(1):4.

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