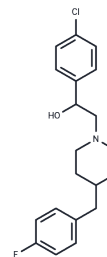


Eliprodil

Chemical Properties

CAS No. :	119431-25-3
Formula:	C ₂₀ H ₂₃ ClFNO
Molecular Weight:	347.85
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Eliprodil (SL-820715)(SL-820715), a non-competitive NR2B-NMDA receptor antagonist (IC ₅₀ : 1 μ M), less effective for NR2A- and NR2C-containing receptors(IC ₅₀ > 100 μ M). It has been used in trials studying the treatment of Parkinson Disease and Movement Disorders.
Targets(IC ₅₀)	NMDAR,iGluR

Solubility Information

Solubility	DMSO: 6 mg/mL (17.25 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	2.8748 mL	14.374 mL	28.748 mL
5 mM	0.575 mL	2.8748 mL	5.7496 mL
10 mM	0.2875 mL	1.4374 mL	2.8748 mL
50 mM	0.0575 mL	0.2875 mL	0.575 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.

Reference

Bath CP, et al. Eur J Pharmacol. 1996 Mar 28;299(1-3):103-12.

Chen S, Zhang P, Zhu G, et al.Targeting GSDME-mediated macrophage polarization for enhanced antitumor immunity in hepatocellular carcinoma.Cellular & Molecular Immunology.2024: 1-17.

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