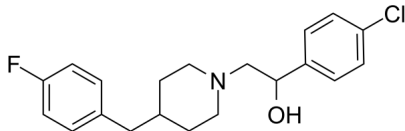


Certificate of Analysis

Catalog Number	BP16007
Product Name	Eliprodil

Physical and Chemical Properties

Synonyms	SL-820715
CAS No.	119431-25-3
Chemical Formula	C ₂₀ H ₂₃ ClFNO
Molecular Weight	347.86
Solubility	DMSO: 25 mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

Product Information

Description	Eliprodil(SL-820715), a non-competitive NR2B-NMDA receptor antagonist(IC50: 1 uM), less effective for NR2A- and NR2C-containing receptors(IC50> 100 uM). It has been used in trials studying the treatment of Parkinson Disease and Movement Disorders.
Targets&IC50	NR2B-NMDA:1 μM

Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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