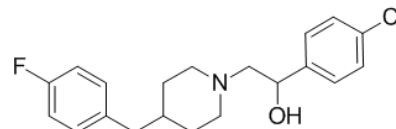


Product Name : Eliprodil
Cat. No. : PC-43279
CAS No. : 119431-25-3
Molecular Formula : C₂₀H₂₃ClFNO
Molecular Weight : 347.8541
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

Eliprodil (SL-820715) is a non-competitive **NR2B-NMDA** receptor (GluN2B) antagonist with IC₅₀ of 1 μM, less potent for NR2A- and NR2C-containing receptors (IC₅₀>100 μM).

Eliprodil inhibits [3H]norepinephrine release from cortical and hippocampal slices but enhances the basal efflux of endogenous and tritiated dopamine from striatal slices.

Eliprodil also blocks the uptake of [3H]dopamine into striatal synaptosomes with IC₅₀ of 1.5 μM.

Eliprodil reduces the volume of infarction in models of focal cerebral ischemia.

References

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Carter C, et al. *Eur J Pharmacol.* 1989 May 30;164(3):611-2.

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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