

Ifenprodil hemitartrate

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

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	Ifenprodil hemitartrate is a NMDA receptor antagonist, acting at the polyamine site. Also an α -adrenergic vasodilator. σ 2 ligand displaying about 3-fold selectivity over σ 1 sites.
Targets(IC50)	Others

Reference

- Gotti et al (1988) Ifenprodil and SL-82,0715 as cerebral anti-ischemic agents. 1. Evidence for efficacy in models of focal cerebral ischemia. J.Pharmacol.Exp.Ther. 247 1211 PMID: 2849668
- Schoemaker et al (1990) Polyamine-sensitive binding of [3 H]ifenprodil, a novel NMDA antagonist to the rat cerebral cortex. Eur.J.Pharmacol. 176 249 PMID: 2178949
- Reynolds and Miller (1989) Ifenprodil is a novel type of N-MthD.-aspartate receptor antagonist: interaction with polyamines. Mol.Pharmacol. 36 758 PMID: 2555674
- Shalaby et al (1992) Neuroprotective effects of the N-MthD.-aspartate receptor antagonists ifenprodil and SL-82,0715 on hippocampal cells in culture. J.Pharmacol.Exp.Ther. 260 925 PMID: 1346650

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