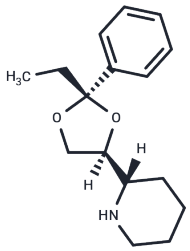
Data Sheet (Cat.No.T60423)

TargetMol

Etoxadrol

Chemical Properties



CAS No. : 28189-85-7

Formula: C16H23NO2

Molecular Weight: 261.36

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	Etoxadrol (CL-1848C) is a potent, high-affinity N-methyl-D-aspartic acid (NMDA) antagonist suitable for anesthetic research [1].
Targets(IC50)	Others,iGluR
In vivo	Etoxadrol (CL-1848C), administered as a single subcutaneous injection at a dosage of 100.0 mg/kg, elicited notable stimulation and ataxia in Carworth-Farm (Upjohn) male mice weighing 18 to 20 g. Furthermore, when administered intravenously at dosages ranging from 0 to 20 mg/kg to male CFE rats weighing 110-175 g (average 130 g), etoxadrol significantly decreased concentrations of brain monoamines, specifically serotonin, DA (dopamine), and NE (norepinephrine), within 4 hours post-injection.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8261 mL	19.1307 mL	38.2614 mL
5 mM	0.7652 mL	3.8261 mL	7.6523 mL
10 mM	0.3826 mL	1.9131 mL	3.8261 mL
50 mM	0.0765 mL	0.3826 mL	0.7652 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.

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481