Data Sheet (Cat.No.T11516)



GV-196771A

Chemical Properties

CAS No.: 166974-23-8

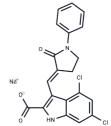
Formula: C20H13Cl2N2NaO3

Molecular Weight: 423.23

Appearance: no data available

Storage: store at low temperature

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	GV-196771A A novel NMDA receptor glycine site antagonist with potent antinociceptive activity.
Targets(IC50)	NMDAR
In vivo	GV196771A, developed for the treatment of neuropathic pain, is a potent antagonist of the modulatory glycine site of the N-methyl-D-aspartate receptor (NMDA receptor). It exhibits low oral bioavailability in rats and mice, with a bioavailability of less than 10% and a plasma clearance of approximately 2 mL/min/kg[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3628 mL	11.8139 mL	23.6278 mL
5 mM	0.4726 mL	2.3628 mL	4.7256 mL
10 mM	0.2363 mL	1.1814 mL	2.3628 mL
50 mM	0.0473 mL	0.2363 mL	0.4726 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

Polli JW, et al. The systemic exposure of an N-methyl-D-aspartate receptor antagonist is limited in mice by the P-glycoprotein and breast cancer resistance protein efflux transporters. Drug Metab Dispos. 2004 Jul;32(7):722-6.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street, Wellesley Hills, MA 02481

Page 1 of 1 www.targetmol.com