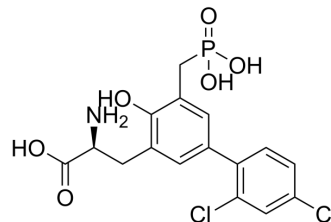


SDZ 220-040

Cat. No.:	HY-107704
CAS No.:	174575-40-7
Molecular Formula:	C ₁₆ H ₁₆ Cl ₂ NO ₆ P
Molecular Weight:	420.18
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (119.00 mM; Need ultrasonic and warming)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.3799 mL	11.8997 mL	23.7993 mL
	5 mM	0.4760 mL	2.3799 mL	4.7599 mL
	10 mM	0.2380 mL	1.1900 mL	2.3799 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

SDZ 220-040 is a competitive the mammalian NMDA receptor antagonist^[1].

REFERENCES

[1]. Brian G Forde. et al. Glutamate signalling via a MEKK1 kinase-dependent pathway induces changes in Arabidopsis root architecture. Plant J. 2013 Jul;75(1):1-10.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA