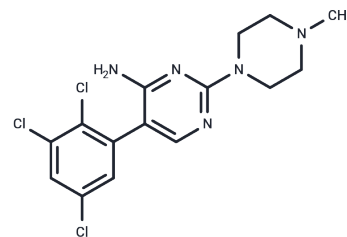


Sipatrigine

Chemical Properties

CAS No. :	130800-90-7
Formula:	C ₁₅ H ₁₆ Cl ₃ N ₅
Molecular Weight:	372.68
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Sipatrigine (619C89) is an antiepileptic compound with neuroprotective activity through glutamate release, TREK ion channels, TRESK channels, sodium channels, and calcium channel inhibitors in the CNS, and can be used to study TRESK channels.
Targets(IC50)	Potassium Channel, Calcium Channel, Sodium Channel

Solubility Information

Solubility	DMSO: 30 mg/mL (80.50 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6833 mL	13.4163 mL	26.8327 mL
5 mM	0.5367 mL	2.6833 mL	5.3665 mL
10 mM	0.2683 mL	1.3416 mL	2.6833 mL
50 mM	0.0537 mL	0.2683 mL	0.5367 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

Leach MJ, et al. BW619C89, a glutamate release inhibitor, protects against focal cerebral ischemic damage. Stroke. 1993 Jul;24(7):1063-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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