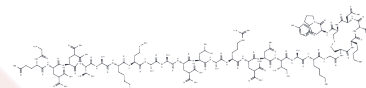


Conantokin-R

Chemical Properties

CAS No. :	202925-60-8
Formula:	C127H201N35O49S3
Molecular Weight:	3098.38
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Conantokin-R is an NMDA receptor peptide antagonist (IC50=93 nM); Conantokin-R exhibits anticonvulsant activity; Conantokin-R binds Zn ²⁺ and Mg ²⁺ (Kds 0.15 μM and 6.5 μM, respectively).
Targets(IC50)	Others,iGluR

Solubility Information

Solubility	DMSO: 100 mM, Sonication is recommended. Ethanol: 40 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3227 mL	1.6137 mL	3.2275 mL
5 mM	0.0645 mL	0.3227 mL	0.6455 mL
10 mM	0.0323 mL	0.1614 mL	0.3227 mL
50 mM	0.0065 mL	0.0323 mL	0.0645 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.

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:34 Washington Street,Wellesley Hills,MA 02481