

ω -Conotoxin MVIIC TFA

Chemical Properties

CAS No. :

Formula: C106H178N40O32S7.C2HF3O2

Molecular Weight: 2863.27

Keep away from moisture

Storage: Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	ω -Conotoxin MVIIC TFA is a peptide and neurotoxin with 26 residues that preferentially blocks P-type and Q-type Ca ++ currents by binding with high affinity to voltage-sensitive neuronal Ca ++ channels (VGCCs) and can be radiolabeled and used in immunoprecipitation assays.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3493 mL	1.7463 mL	3.4925 mL
5 mM	0.0699 mL	0.3493 mL	0.6985 mL
10 mM	0.0349 mL	0.1746 mL	0.3493 mL
50 mM	0.007 mL	0.0349 mL	0.0699 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.

Reference

Lu CW, Lin TY, Wang SJ. 11-Keto- β -Boswellic Acid Attenuates Glutamate Release and Kainic Acid-Induced Excitotoxicity in the Rat Hippocampus. *Planta Med.* 2020 Apr;86(6):434-441.

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