

Jingzhaotoxin XI

Chemical Properties

CAS No. :

Formula: C158H234N44O47S7

Molecular Weight: 3726.27

Keep away from moisture

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

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Jingzhaotoxin XI (JZTX-XI) is a potent inhibitor of sodium conductance with an IC50 of 124 nM, and it significantly delays the rapid inactivation of Na _v 1.5, with an EC50 of 1.18 ±0.2 μM, when expressed in Chinese hamster ovary (CHO-K1) cells [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2684 mL	1.3418 mL	2.6836 mL
5 mM	0.0537 mL	0.2684 mL	0.5367 mL
10 mM	0.0268 mL	0.1342 mL	0.2684 mL
50 mM	0.0054 mL	0.0268 mL	0.0537 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

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481