

Jingzhaotoxin-IX

Chemical Properties

CAS No. :

Formula: C171H251N49O48S6

Molecular Weight: 3953.51

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-IX is a C-terminally amidated peptide neurotoxin consisting of 35 amino acid residues. It inhibits both tetrodotoxin-resistant and tetrodotoxin-sensitive isoforms of voltage-gated sodium channels, as well as the Kv2.1 channel. However, Jingzhaotoxin-IX does not affect the delayed rectifier potassium channels Kv1.1, Kv1.2, and Kv1.3 [1].
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2529 mL	1.2647 mL	2.5294 mL
5 mM	0.0506 mL	0.2529 mL	0.5059 mL
10 mM	0.0253 mL	0.1265 mL	0.2529 mL
50 mM	0.0051 mL	0.0253 mL	0.0506 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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