

## Jingzhaotoxin-XII

## Chemical Properties

CAS No. :

Formula: C161H227N41O44S7

Molecular Weight: 3665.23

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-XII (JzTx-XII) functions as a potent inhibitor of the Kv4.1 channel, exhibiting an inhibitory concentration (IC50) of 0.363 $\mu$ M. It modulates the channel's gating behavior [1].
Targets(IC50)	Potassium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2728 mL	1.3642 mL	2.7283 mL
5 mM	0.0546 mL	0.2728 mL	0.5457 mL
10 mM	0.0273 mL	0.1364 mL	0.2728 mL
50 mM	0.0055 mL	0.0273 mL	0.0546 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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