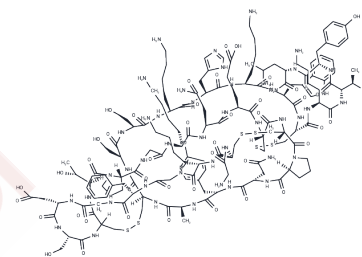


## Hainantoxin-III

## Chemical Properties

CAS No. :	1809149-40-3
Formula:	C154H228N44O45S6
Molecular Weight:	3608.12
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	Jingzhaotoxin-V is a peptide that suppresses potassium currents in <i>Xenopus laevis</i> oocytes with an IC <sub>50</sub> of 604.2 nM, while targeting both tetrodotoxin-resistant and tetrodotoxin-sensitive sodium currents in rat dorsal root ganglion neurons with IC <sub>50</sub> values of 27.6 nM and 30.2 nM, respectively [1].
Targets(IC <sub>50</sub> )	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2772 mL	1.3858 mL	2.7715 mL
5 mM	0.0554 mL	0.2772 mL	0.5543 mL
10 mM	0.0277 mL	0.1386 mL	0.2772 mL
50 mM	0.0055 mL	0.0277 mL	0.0554 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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