

β -Pompilidotoxin Acetate

Chemical Properties

CAS No. :

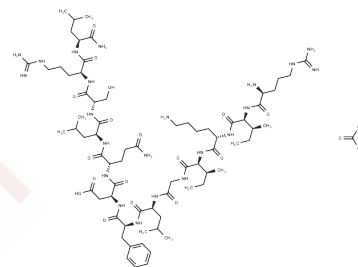
Formula: C73H128N22O19

Molecular Weight: 1617.93

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	β -Pompilidotoxin Acetate is a wasp venom peptide. β -Pompilidotoxin Acetate can slow sodium channel inactivation and increase steady-state sodium current in cells.
Targets(IC50)	Sodium Channel

Solubility Information

Solubility	DMSO: 55 mg/mL (33.99 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6181 mL	3.0904 mL	6.1807 mL
5 mM	0.1236 mL	0.6181 mL	1.2361 mL
10 mM	0.0618 mL	0.309 mL	0.6181 mL
50 mM	0.0124 mL	0.0618 mL	0.1236 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

Tina M Grieco, et al. Production of resurgent current in NaV1.6-null Purkinje neurons by slowing sodium channel inactivation with beta-pompilidotoxin. J Neurosci. 2004 Jan 7;24(1):35-42.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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