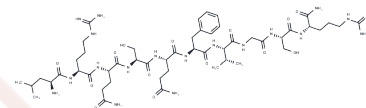


Urechistachykinin I

Chemical Properties

CAS No. :	149097-03-0
Formula:	C50H85N19O14
Molecular Weight:	1176.33
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	Urechistachykinin I (Uru-TK I) is an invertebrate kalinin-related peptide (TRPs) isolated from thylakoid nematodes.
Targets(IC50)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8501 mL	4.2505 mL	8.501 mL
5 mM	0.170 mL	0.8501 mL	1.7002 mL
10 mM	0.085 mL	0.4251 mL	0.8501 mL
50 mM	0.017 mL	0.085 mL	0.170 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

Sung WS, et al. Antimicrobial effect and membrane-active mechanism of Urechistachykinins, neuropeptides derived from Urechis unicinctus. FEBS Lett. 2008 Jul 9;582(16):2463-6.

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