

Urechistachykinin II acetate

Chemical Properties

CAS No. :

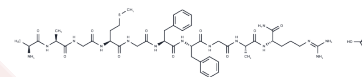
Formula: C46H70N14O12S

Molecular Weight: 1043.21

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	Urechistachykinin II acetate (Uru-TK II acetate) is an invertebrate rapid kinin-related peptide (TRPs) isolated from carotenoid worms, shows antimicrobial activities without a hemolytic effect
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 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	0.9586 mL	4.7929 mL	9.5858 mL
5 mM	0.1917 mL	0.9586 mL	1.9172 mL
10 mM	0.0959 mL	0.4793 mL	0.9586 mL
50 mM	0.0192 mL	0.0959 mL	0.1917 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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