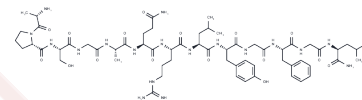


Type A Allatostatin I

Chemical Properties

CAS No. :	123209-95-0
Formula:	C61H94N18O16
Molecular Weight:	1335.51
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	Type A Allatostatin I, a tridecapeptide, belongs to the category of pleiotropic neuropeptides known for their ability to inhibit the synthesis of juvenile hormone in insects.
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Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7488 mL	3.7439 mL	7.4878 mL
5 mM	0.1498 mL	0.7488 mL	1.4976 mL
10 mM	0.0749 mL	0.3744 mL	0.7488 mL
50 mM	0.015 mL	0.0749 mL	0.1498 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

Stay B, et al. Allatostatin-immunoreactive neurons projecting to the corpora allata of adult *Diploptera punctata*. *Cell Tissue Res.* 1992 Oct;270(1):15-23.

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