

Type A Allatostatin I acetate

Chemical Properties

CAS No. :

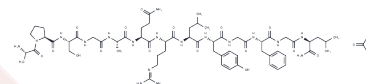
Formula: C63H98N18O18

Molecular Weight: 1395.55

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	Type A Allatostatin I acetate is a tridecapeptide. Allatostatins are pleiotropic neuropeptides for inhibition of juvenile hormone synthesis in insects.
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	0.7166 mL	3.5828 mL	7.1656 mL
5 mM	0.1433 mL	0.7166 mL	1.4331 mL
10 mM	0.0717 mL	0.3583 mL	0.7166 mL
50 mM	0.0143 mL	0.0717 mL	0.1433 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 *Diptera punctata*. *Cell Tissue Res.* 1992 Oct;270(1):15-23.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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