

## Allatostatin II acetate(123374-34-5 free base)

## Chemical Properties

CAS No. :

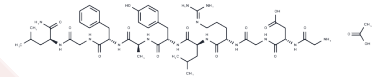
Formula: C<sub>51</sub>H<sub>78</sub>N<sub>14</sub>O<sub>15</sub>

Molecular Weight: 1127.25

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	Allatostatin II acetate (123374-34-5 free base) is an inhibitor of juvenile hormone synthesis in insects.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 5 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	0.8871 mL	4.4356 mL	8.8711 mL
5 mM	0.1774 mL	0.8871 mL	1.7742 mL
10 mM	0.0887 mL	0.4436 mL	0.8871 mL
50 mM	0.0177 mL	0.0887 mL	0.1774 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. The role of allatostatins in juvenile hormone synthesis in insects and crustaceans. *Annu Rev Entomol.* 2007;52:277-99.

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