



LKT Laboratories, Inc.

Allatostatin I

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Product Information

Product ID A4438

CAS No. 123338-10-3

Chemical Name

H-Ala-Pro-Ser-Gly-Ala-Gln-Arg-
Leu-Tyr-Gly-Phe-Gly-Leu-NH₂

Synonym

Formula C61H104N18O18

Formula Wt. 1335.54

Melting Point

Purity ≥95%

Solubility Soluble in water.

Bulk quantities available upon request

Product ID	Size
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A4438	1 mg
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A4438	2 mg
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A4438	5 mg
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Store Temp -20°C

Ship Temp Ambient

Description Allatostatin I is a neuropeptide originally found in various insects such as cockroaches. Allatostatin I inhibits juvenile hormone synthesis in the corpora allata of cockroaches.

References Lloyd GT, Woodhead AP, Stay B. Release of neurosecretory granules within the corpus allatum in relation to the regulation of juvenile hormone synthesis in *Diploptera punctata*. *Insect Biochem Mol Biol*. 2000 Aug-Sep;30(8-9):739-46. PMID: 10876117.

Skinner JR, Fairbairn SE, Woodhead AP, et al. Allatostatin in hemocytes of the cockroach *Diploptera punctata*. *Cell Tissue Res*. 1997 Oct;290(1):119-28. PMID: 9377632.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.