



LKT Laboratories, Inc.

Corazonin

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Product Information

Product ID C5768

CAS No. 122929-08-2

Chemical Name

Synonym

Formula C₆₂H₈₆N₁₈O₁₉

Formula Wt. 1369.49

Melting Point

Purity ≥95%

Solubility Soluble in water.

Store Temp -20°C

Ship Temp Ambient

Description Corazonin is a highly conserved neuropeptide found in many insects. Corazonin is cardiostimulatory, playing a role in cardiac function. Additionally, corazonin promotes transfer of sperm and mating behavior through the activation of serotonergic neurons.

pGlu-Thr-Phe-Gln-Tyr-Ser-Arg-
Gly-Trp-Thr-Asn-NH₂

Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
C5768	1 mg	\$88.10
C5768	2 mg	\$151.20
C5768	5 mg	\$264.70

References Tayler TD, Pacheco DA, Hergarden AC, et al. A neuropeptide circuit that coordinates sperm transfer and copulation duration in *Drosophila*. *Proc Natl Acad Sci U S A*. 2012 Dec 11;109(50):20697-702. PMID: 23197833.

Hillyer JF, Estévez-Lao TY, Funkhouser LJ, et al. *Anopheles gambiae* corazonin: gene structure, expression and effect on mosquito heart physiology. *Insect Mol Biol*. 2012 Jun;21(3):343-55. PMID: 22404523.

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