



Product Information

Product ID C5768

CAS No. 122929-08-2

Chemical Name

Synonym

Formula $C_{62}H_{86}N_{18}O_{19}$

Formula Wt. 1369.49

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp $-20^{\circ}C$

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

Bulk quantities available upon request

Product ID	Size
C5768	1 mg
C5768	2 mg
C5768	5 mg

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.