

Crustacean cardioactive peptide

Cat. No.:	HY-P3825
CAS No.:	107090-96-0
Molecular Formula:	C ₄₂ H ₅₇ N ₁₁ O ₁₁ S ₂
Molecular Weight:	956.1
Sequence Shortening:	PFCNAFTGC-NH2 (Disulfide bridge:Cys3-Cys9)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Crustacean cardioactive peptide (CCAP) is an insect cardioregulatory peptide that contains 9 amino acids, first isolated from the tobacco hawkmoth, *Manduca sexta*. There are two cysteines at positions 3 and 9 forming a disulfide bridge and the carboxyl-terminus is amidated^[1].

REFERENCES

[1]. Cheung CC, et al. Primary structure of a cardioactive neuropeptide from the tobacco hawkmoth, *Manduca sexta*. FEBS Lett. 1992 Nov 23;313(2):165-8.

Caution: Product has not been fully validated for medical applications. For research use only.

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