

Allatotropin

Cat. No.:	HY-P5866
CAS No.:	120928-88-3
Molecular Formula:	C ₆₅ H ₁₀₃ N ₁₉ O ₁₇ S ₂
Molecular Weight:	1486.76
Sequence:	Gly-Phe-Lys-Asn-Val-Glu-Met-Met-Thr-Ala-Arg-Gly-Phe-NH ₂
Sequence Shortening:	GFKNVEMMTARGF-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Allatotropin (Manse-AT) is a 13 amino acid neuropeptide. Allatotropin activates inositol 1,4,5-trisphosphate (IP3) pathway, and the biosynthesis of juvenile hormone (JH) in *Manduca sexta*^[1].

REFERENCES

[1]. Reagan J D, et al., Allatotropin-induced formation of inositol phosphates in the corpora allata of the moth, *Manduca sexta*[J]. Archives of insect biochemistry and physiology, 1992, 20(2): 145-155.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA