

Leucopyrokinin

Cat. No.:	HY-P1691
CAS No.:	104052-00-8
Molecular Formula:	C ₄₂ H ₆₆ N ₁₂ O ₁₂
Molecular Weight:	931.05
Sequence:	{pGlu}-Thr-Ser-Phe-Thr-Pro-Arg-Leu-NH ₂
Sequence Shortening:	{pGlu}-TSFTPRL-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Leucopyrokinin is a myotropic neuropeptide, which accelerates pupariation via central innervation, promotes tanning age dependently. Leucopyrokinin shapes the puparium by contracting and shrinking the integument^[1].

REFERENCES

[1]. Zd'árek J, et al., Mode of action of an insect neuropeptide leucopyrokinin (LPK) on pupariation in fleshfly (*Sarcophaga bullata*) larvae (Diptera: Sarcophagidae). *J Insect Physiol.* 2002 Oct;48(10):951-959.

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

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