

Pheromonotropin (pseudaletia separata)

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|----------------------|---|
| Cat. No.: | HY-P10034 |
| CAS No.: | 141281-40-5 |
| Molecular Formula: | C ₁₀₁ H ₁₅₅ N ₂₅ O ₃₀ |
| Molecular Weight: | 2199.46 |
| Sequence: | Lys-Leu-Ser-Tyr-Asp-Asp-Lys-Val-Phe-Glu-Asn-Val-Glu-Phe-Thr-Pro-Arg-Leu-NH ₂ |
| Sequence Shortening: | KLSYDDKVFENVEFTPRL-NH ₂ |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

Pheromonotropin (Pseudaletia separata) (Pss-PT) is an armyworm (Pseudaletia separata) pheromone with the C-terminal pentapeptide FXPRL-amide. Pheromonotropin (Pseudaletia separata) belongs to the PK/PBAN family and stimulates sex pheromone biosynthesis in moths, mediating feeding (intestinal muscle contraction), development (embryonic diapause, pupal diapause, and pupation), and defense against natural enemy insects wait^[1].

REFERENCES

[1]. Altstein M. Role of neuropeptides in sex pheromone production in moths. Peptides. 2004 Sep;25(9):1491-501.

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

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