

## Hypertrehalosemic neuropeptide (Nauphoeta cinerea)

Cat. No.:	HY-P5750
CAS No.:	106018-36-4
Molecular Formula:	C <sub>50</sub> H <sub>67</sub> N <sub>13</sub> O <sub>14</sub>
Molecular Weight:	1074.15
Sequence:	{pGlu}-Val-Asn-Phe-Ser-Pro-Gly-Trp-Gly-Thr-NH <sub>2</sub>
Sequence Shortening:	{pGlu}-VNFSPGWGT-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Hypertrehalosemic neuropeptide (Nauphoeta cinerea) is a neuropeptide in the adipokinetic hormone/red pigment-concentrating hormone (AKH/RPCH) family, and can stimulate the synthesis of trehalose<sup>[1]</sup>.

### REFERENCES

[1]. Lewis DK, et al. Hypertrehalosemic hormone in a cockroach: molecular cloning and expression. Mol Cell Endocrinol. 1997;130(1-2):101-108.

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

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