

## Leucokinin I

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Cat. No.:	HY-125295
CAS No.:	104600-89-7
Molecular Formula:	C <sub>41</sub> H <sub>53</sub> N <sub>11</sub> O <sub>12</sub>
Molecular Weight:	891.93
Sequence:	Asp-Pro-Ala-Phe-Asn-Ser-Trp-Gly-NH <sub>2</sub>
Sequence Shortening:	DPAFNSWG-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

Leucokinin I is a peptide that stimulates contraction of the anterior midgut and hindgut muscles involved in feeding in *Rhodnius prolixus* but not absorption in the anterior midgut<sup>[1]</sup>.

### REFERENCES

[1]. Te Brugge V, et al. Identification of kinin-related peptides in the disease vector, *Rhodnius prolixus*. *Peptides*. 2011 Mar;32(3):469-74.

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

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