

## Schistoflrfamide

Cat. No.:	HY-P4182
CAS No.:	121801-61-4
Molecular Formula:	C <sub>59</sub> H <sub>86</sub> N <sub>16</sub> O <sub>14</sub>
Molecular Weight:	1243.41
Sequence:	Pro-Asp-Val-Asp-His-Val-Phe-Leu-Arg-Phe-NH <sub>2</sub>
Sequence Shortening:	PDVDHVFLRF-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

Schistoflrfamide, a FMRFamide-related peptide, is an inhibitory neuropeptide. Schistoflrfamide decreases the amplitude and frequency of myogenic contractions and reduce basal tension visceral muscle<sup>[1][2]</sup>.

### REFERENCES

[1]. Neda M. Peeff, et al. The effects of FMRFamide-related peptides on an insect (*Locusta migratoria*) visceral. *Journal of Insect Physiology*. Volume 39, Issue 3, March 1993, Pages 207-215.

[2]. Wang Z, et al. Mode of action of an inhibitory neuropeptide SchistoFLRFamide on the locust oviduct visceral muscle. *Neuropeptides*. 1995 Mar;28(3):147-55.

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

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