

Bombolitin V

Cat. No.:	HY-P2442
CAS No.:	95648-98-9
Molecular Formula:	C ₈₁ H ₁₄₄ N ₂₂ O ₁₉
Molecular Weight:	1730.15
Sequence:	Ile-Asn-Val-Leu-Gly-Ile-Leu-Gly-Leu-Leu-Gly-Lys-Ala-Leu-Ser-His-Leu-NH ₂
Sequence Shortening:	INVLGILGLLGKALSHL-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Bombolitin V is a potent antimicrobial peptide with an ED ⁵⁰ value of 2 micrograms/ml in causing mast cell degranulation ^[1] .
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REFERENCES

[1]. Argiolas A, et al. Bombolitins, a new class of mast cell degranulating peptides from the venom of the bumblebee *Megabombus pennsylvanicus*. *J Biol Chem*. 1985 Feb 10;260(3):1437-44.

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

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