

## Bombolitin V

Cat. No.:	HY-P2442
CAS No.:	95648-98-9
Molecular Formula:	C <sub>81</sub> H <sub>144</sub> N <sub>22</sub> O <sub>19</sub>
Molecular Weight:	1730.15
Sequence:	Ile-Asn-Val-Leu-Gly-Ile-Leu-Gly-Leu-Leu-Gly-Lys-Ala-Leu-Ser-His-Leu-NH <sub>2</sub>
Sequence Shortening:	INVLGILGLLGKALSHL-NH <sub>2</sub>
Target:	Bacterial
Pathway:	Anti-infection
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 <sup>50</sup> value of 2 micrograms/ml in causing mast cell degranulation <sup>[1]</sup> .
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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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