

Bombinin H4

Cat. No.:	HY-P5678
Molecular Formula:	C ₉₁ H ₁₆₅ N ₂₃ O ₂₁
Molecular Weight:	1917.43
Sequence:	Leu-{d-Alle}-Gly-Pro-Val-Leu-Gly-Leu-Val-Gly-Ser-Ala-Leu-Gly-Gly-Leu-Leu-Lys-Lys-Ile-NH ₂
Sequence Shortening:	L-{d-Alle}-GPVGLVGSALGLLKKI-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Bombinin H4 is an antimicrobial peptide derived from the skin of moth *Bombina variegata*. The lethal concentrations of Bombinin H4 against *Escherichia coli* D21 and *Staphylococcus aureus* Cowan 1 are 4.8 and 3.3 μM, respectively^[1].

REFERENCES

[1]. Mignogna G, et al. Antibacterial and haemolytic peptides containing D-alloisoleucine from the skin of *Bombina variegata*. *EMBO J.* 1993 Dec;12(12):4829-32.

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

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