

Bombinin H1

Cat. No.:	HY-P5673
Molecular Formula:	C ₉₀ H ₁₆₃ N ₂₃ O ₂₁ S
Molecular Weight:	1935.46
Sequence:	Ile-Ile-Gly-Pro-Val-Leu-Gly-Met-Val-Gly-Ser-Ala-Leu-Gly-Gly-Leu-Leu-Lys-Lys-Ile-NH ₂
Sequence Shortening:	IIGPVLMVGSALGGLLKKI-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 H1 is an antimicrobial peptide derived from the skin of moth *Bombina variegata*. The lethal concentrations of Bombinin H1 against *Escherichia coli* D21 and *Staphylococcus aureus* Cowan 1 are 3.8 and 2.1 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA