

Bombinin-BO1

Cat. No.:	HY-P5665
Molecular Formula:	C ₁₁₁ H ₁₈₉ N ₃₁ O ₃₀
Molecular Weight:	2437.88
Sequence:	Gly-Ile-Gly-Ser-Ala-Ile-Leu-Ser-Ala-Gly-Lys-Ser-Ile-Ile-Lys-Gly-Leu-Ala-Lys-Gly-Leu-Ala-Glu-His-Phe-NH ₂
Sequence Shortening:	GIGSAILSAGKSIKGLAKGLAEHF-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Bombinin-BO1 is an antimicrobial peptide derived from toad *Bombina orientalis* skin secretions. Bombinin-BO1 is active against *E. coli*, *S. aureus* and *Candida albicans*, the MIC values are 64, 64, 128 mg/L, respectively^[1].

REFERENCES

[1]. Peng X, et al. Molecular characterization and bioactivity evaluation of two novel bombinin peptides from the skin secretion of Oriental fire-bellied toad, *Bombina orientalis*. *Amino Acids*. 2018 Feb;50(2):241-253.

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

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