

Maximin H3

Cat. No.:	HY-P5619
CAS No.:	853262-62-1
Molecular Formula:	C ₉₂ H ₁₆₆ N ₂₄ O ₂₁
Molecular Weight:	1944.45
Sequence:	Ile-Leu-Gly-Pro-Val-Leu-Gly-Leu-Val-Gly-Asn-Ala-Leu-Gly-Gly-Leu-Ile-Lys-Lys-Ile-NH ₂
Sequence Shortening:	ILGPVLGLVGNALGGLIKKI-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Maximin H3 is an antimicrobial peptide derived from the skin secretions of Chinese red belly toad *Bombina maxima*. Maximin H3 has activity against *Escherichia coli* ATCC25922, *Staphylococcus aureus* ATCC2592, *Bacillus pyocyaneus* CMCCB1010 and *Candida albicans* ATCC2002, the MIC values are 20, 10, 20, 5 µg/ml, respectively^[1].

REFERENCES

[1]. Lai R, et al. Antimicrobial peptides from skin secretions of Chinese red belly toad *Bombina maxima*. *Peptides*. 2002 Mar;23(3):427-35.

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

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