

Maximin H4

Cat. No.:	HY-P5655
Molecular Formula:	C ₉₈ H ₁₇₇ N ₂₅ O ₂₃
Molecular Weight:	2073.61
Sequence:	Ile-Leu-Gly-Pro-Val-Ile-Ser-Lys-Ile-Gly-Gly-Val-Leu-Gly-Gly-Leu-Leu-Lys-Asn-Leu-Leu-NH ₂
Sequence Shortening:	ILGPVISKIGGVLGGLLNLL-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 H4 is an antimicrobial peptide derived from the skin secretions of Chinese red belly toad *Bombina maxima*. Maximin H4 has activity against *Escherichia coli* ATCC25922, *Staphylococcus aureus* ATCC2592, *Bacillus pycocyaneus* CMCCB1010 and *Candida albicans* ATCC2002, the MIC values are 12, 6, 12, 6 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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