

Maximin H1

Cat. No.:	HY-P5616
CAS No.:	853262-60-9
Molecular Formula:	C ₉₀ H ₁₆₁ N ₂₃ O ₂₃
Molecular Weight:	1933.38
Sequence:	Ile-Leu-Gly-Pro-Val-Ile-Ser-Thr-Ile-Gly-Gly-Val-Leu-Gly-Gly-Leu-Leu-Lys-Asn-Leu-NH ₂
Sequence Shortening:	ILGPVISTIGGVLGGLLKNL-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 H1 is an antimicrobial peptide derived from the skin secretions of Chinese red belly toad *Bombina maxima*. Maximin H1 has activity against *Escherichia coli* ATCC25922, *Staphylococcus aureus* ATCC2592, *Bacillus pyocyaneus* CMCCB1010 and *Candida albicans* ATCC2002, the MIC values are 9, 4.5, 9, 4.5 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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