

Maximin 5

Cat. No.:	HY-P5609
CAS No.:	634600-61-6
Molecular Formula:	C ₁₃₃ H ₂₁₈ N ₃₂ O ₃₆
Molecular Weight:	2841.35
Sequence:	Ser-Ile-Gly-Ala-Lys-Ile-Leu-Gly-Gly-Val-Lys-Thr-Phe-Phe-Lys-Gly-Ala-Leu-Lys-Glu-Leu-Ala-Ser-Thr-Tyr-Leu-Gln
Sequence Shortening:	SIGAKILGGVKTFFKALKELASTYLQ
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Maximin 5 is an antimicrobial peptide derived from skin secretions of *Bombina maxima*. Maximin 5 has cytotoxicity on tumor cells and spermicidal effect^[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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