

Maximin 49

Cat. No.:	HY-P5685
Molecular Formula:	C ₁₂₀ H ₂₀₉ N ₃₃ O ₃₃
Molecular Weight:	2642.14
Sequence:	Gly-Ile-Gly-Gly-Val-Leu-Leu-Ser-Ala-Gly-Lys-Ala-Ala-Leu-Lys-Gly-Leu-Thr-Lys-Val-Leu-Ala-Glu-Lys-Tyr-Ala-Asn-NH ₂
Sequence Shortening:	GIGGVLLSAGKAALKGLTKVLAEKYAN-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 49 is an antimicrobial peptide. Maximin 49 has antibacterial activity against *S. aureus* (MIC: 18.8 µg/mL). Maximin 49 has hemolytic activities against human and rabbit red cells^[1].

REFERENCES

[1]. Liu R, et al. There are abundant antimicrobial peptides in brains of two kinds of *Bombina* toads. *J Proteome Res.* 2011 Apr 1;10(4):1806-15.

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

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