

Maximin 78

Cat. No.:	HY-P5686
Molecular Formula:	C ₁₁₉ H ₂₀₅ N ₃₃ O ₃₂
Molecular Weight:	2610.1
Sequence:	Gly-Ile-Gly-Gly-Ala-Leu-Leu-Ser-Val-Gly-Lys-Leu-Ala-Leu-Lys-Gly-Leu-Ala-Asn-Val-Leu-Ala-Asp-Lys-Phe-Ala-Asn-NH ₂
Sequence Shortening:	GIGGALLSVGKLALKGLANVLADKFAN-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 78 is an antimicrobial peptide. Maximin 78 has antibacterial activity against *C. albicans*, *S. aureus*, *B. subtilis* (MIC: 37.5, 4.7, 37.5 µg/mL). Maximin 78 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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