

Maximin 28

Cat. No.:	HY-P5668
Molecular Formula:	C ₁₂₅ H ₂₁₁ N ₃₃ O ₃₅
Molecular Weight:	2736.21
Sequence:	Gly-Ile-Gly-Thr-Lys-Phe-Leu-Gly-Gly-Val-Lys-Thr-Ala-Leu-Lys-Gly-Ala-Leu-Lys-Glu-Leu-Ala-Ser-Thr-Tyr-Val-Asn-NH ₂
Sequence Shortening:	GIGTKFLGGVKTALKGALKELASTYVN-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 28 is an antimicrobial peptide derived from the toad brain. Maximin 28 is active against *Staphylococcus aureus*, *Escherichia coli* and *Bacillus subtilis*, with MIC values of 4.7, 9.4, 75 µg/mL, respectively^[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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