

Maximin 31

Cat. No.:	HY-P5670
Molecular Formula:	C ₁₀₇ H ₁₈₁ N ₃₁ O ₂₉
Molecular Weight:	2365.77
Sequence:	Gly-Ile-Gly-Gly-Ala-Leu-Leu-Ser-Ala-Gly-Lys-Ser-Ala-Leu-Lys-Gly-Leu-Ala-Lys-Gly-Leu-Ala-Glu-His-Phe-NH ₂
Sequence Shortening:	GIGGALLSAGKSALKGLAKGLAEHF-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 31 is an antimicrobial peptide derived from the toad brain. Maximin 31 is active against *Staphylococcus aureus* and *Escherichia coli*, with MIC values of 37.5, 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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