

Maximin 45

Cat. No.:	HY-P5683
Molecular Formula:	C ₁₂₁ H ₂₀₈ N ₃₆ O ₃₂
Molecular Weight:	2679.17
Sequence:	Gly-Ile-Gly-Gly-Lys-Ile-Leu-Gly-Gly-Leu-Arg-Thr-Ala-Leu-Lys-Gly-Ala-Ala-Lys-Glu-Leu-Ala-Ala-Thr-Tyr-Leu-His-NH ₂
Sequence Shortening:	GIGGKILGGLRTALKGAAKELAATYLH-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 45 is an antimicrobial peptide. Maximin 41 has antibacterial activity against *S. aureus*, *E. coli*, *B. subtilis* (MIC: 4.7, 9.4, 75 µg/mL). Maximin 45 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA