

## Maximin 68

<b>Cat. No.:</b>	HY-P5688
<b>Molecular Formula:</b>	C <sub>92</sub> H <sub>168</sub> N <sub>26</sub> O <sub>23</sub>
<b>Molecular Weight:</b>	2006.48
<b>Sequence:</b>	Gly-Ile-Gly-Gly-Ala-Leu-Leu-Ser-Ala-Gly-Lys-Ala-Ala-Leu-Lys-Gly-Leu-Ala-Lys-Val-Leu-Val-NH <sub>2</sub>
<b>Sequence Shortening:</b>	GIGGALLSAGKAALKGLAKVLV-NH <sub>2</sub>
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Maximin 68 is an antimicrobial peptide. Maximin 68 has antibacterial activity against *C. albicans*, *S. aureus*, *E. coli*, *B. subtilis* (MIC: 18.8, 9.4, 37.5, 9.4 µg/mL). Maximin 68 has hemolytic activities against human and rabbit red cells<sup>[1]</sup>.

### 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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