

## Maximin 63

<b>Cat. No.:</b>	HY-P5621
<b>Molecular Formula:</b>	C <sub>119</sub> H <sub>207</sub> N <sub>33</sub> O <sub>32</sub>
<b>Molecular Weight:</b>	2612.12
<b>Sequence:</b>	Gly-Ile-Gly-Gly-Val-Leu-Leu-Gly-Ala-Gly-Lys-Ala-Thr-Leu-Lys-Gly-Leu-Ala-Lys-Val-Leu-Ala-Glu-Lys-Tyr-Ala-Asn-NH <sub>2</sub>
<b>Sequence Shortening:</b>	GIGGVLLGAGKATLKGLAKVLAEKYAN-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 63 is an antimicrobial peptide derived from the brain of a toad. Maximin 63 has strong activity against *S.aureus* (MIC: 18.8 µg/mL)<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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