

## Maximin 32

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<b>Cat. No.:</b>	HY-P5671
<b>Molecular Formula:</b>	C <sub>121</sub> H <sub>208</sub> N <sub>34</sub> O <sub>33</sub>
<b>Molecular Weight:</b>	2667.15
<b>Sequence:</b>	Gly-Ile-Gly-Gly-Lys-Ile-Leu-Gly-Gly-Leu-Lys-Thr-Ala-Leu-Lys-Gly-Ala-Ala-Lys-Glu-Leu-A la-Ser-Thr-Tyr-Leu-His-NH <sub>2</sub>
<b>Sequence Shortening:</b>	GIGGKILGGLKTALKGAAKELASTYLH-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

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#### Description

Maximin 32 is an antimicrobial peptide derived from the toad brain. Maximin 32 is active against *Staphylococcus aureus* and *Escherichia coli*, with MIC values of 9.4, 18.8 µg/mL, respectively<sup>[1]</sup>.

### REFERENCES

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[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.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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