

## Maximin 9

Cat. No.:	HY-P5614
CAS No.:	853262-58-5
Molecular Formula:	C <sub>137</sub> H <sub>218</sub> N <sub>40</sub> O <sub>33</sub> S
Molecular Weight:	2985.51
Sequence:	Gly-Ile-Gly-Arg-Lys-Phe-Leu-Gly-Gly-Val-Lys-Thr-Thr-Phe-Arg-Cys-Gly-Val-Lys-Asp-Phe-Ala-Ser-Lys-His-Leu-Tyr-NH <sub>2</sub>
Sequence Shortening:	GIGRKFLGGVKTTFRCGVKDFASKHLY-NH <sub>2</sub>
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	Maximin 9 is an antimicrobial peptide derived from toad <i>Bombina maxima</i> <sup>[1]</sup> .
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### REFERENCES

[1]. Lee WH, et al. Variety of antimicrobial peptides in the *Bombina maxima* toad and evidence of their rapid diversification. *Eur J Immunol.* 2005 Apr;35(4):1220-9.

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

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