

## GVLSNVIGYLKKLGTGALNAVLKQ

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P3916  |
| CAS No.:             | 136831-50-0   |
| Molecular Formula:   | C <sub>112</sub> H <sub>194</sub> N <sub>30</sub> O <sub>31</sub>                         |
| Molecular Weight:    | 2456.92   |
| Sequence Shortening: | GVLSNVIGYLKKLGTGALNAVLKQ  |
| Target:              | Bacterial   |
| Pathway:             | Anti-infection  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

|                    |   |
|--------------------|---|
| <b>Description</b> | GVLSNVIGYLKKLGTGALNAVLKQ is an antimicrobial peptide with 24-amino acid. GVLSNVIGYLKKLGTGALNAVLKQ can potentially form $\alpha$ -helix. GVLSNVIGYLKKLGTGALNAVLKQ (PGQ) has activity against Gram-negative, Gram-positive bacteria and the yeast <i>Candida albicans</i> <sup>[1]</sup> .    |
| <b>In Vitro</b>    | GVLSNVIGYLKKLGTGALNAVLKQ (PGQ) has activity against Gram-negative, Gram-positive bacteria and the yeast <i>Candida albicans</i> with a minimal inhibitory concentration <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. K S Moore, et al. Antimicrobial peptides in the stomach of *Xenopus laevis*. *J Biol Chem*. 1991 Oct 15;266(29):19851-7.

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

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