

## Bombinin H3

<b>Cat. No.:</b>	HY-P5676
<b>Molecular Formula:</b>	C <sub>90</sub> H <sub>163</sub> N <sub>23</sub> O <sub>21</sub> S
<b>Molecular Weight:</b>	1935.46
<b>Sequence:</b>	Ile-[d-Alle]-Gly-Pro-Val-Leu-Gly-Met-Val-Gly-Ser-Ala-Leu-Gly-Gly-Leu-Leu-Lys-Lys-Ile-NH <sub>2</sub>
<b>Sequence Shortening:</b>	I-[d-Alle]-GPVLMVGSALGGLLKKI-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

Bombinin H3 is an antimicrobial peptide derived from the skin of moth *Bombina variegata*. The lethal concentrations of Bombinin H3 against *Escherichia coli* D21 and *Staphylococcus aureus* Cowan 1 are 3.7 and 2.4 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Mignogna G, et al. Antibacterial and haemolytic peptides containing D-alloisoleucine from the skin of *Bombina variegata*. *EMBO J.* 1993 Dec;12(12):4829-32.

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

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