

## Im6

Cat. No.:	HY-P5715
Molecular Formula:	C <sub>86</sub> H <sub>134</sub> N <sub>18</sub> O <sub>18</sub>
Molecular Weight:	1708.09
Sequence:	Phe-Phe-Phe-Leu-Pro-Ser-Leu-Ile-Gly-Gly-Leu-Val-Ser-Ala-Ile-Lys-NH <sub>2</sub>
Sequence Shortening:	FFFLPSLIGGLVSAIK-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	Im6 is an antimicrobial peptide. Im6 is active against <i>S. aureus</i> and <i>B.subtilis</i> (Gram-positive bacterial) <sup>[1]</sup> .
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### REFERENCES

[1]. Miyashita M, et al. Complete de novo sequencing of antimicrobial peptides in the venom of the scorpion *Isometrus maculatus*. *Toxicon*. 2017 Dec 1;139:1-12.

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

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