

## BMAP-27

Cat. No.:	HY-P5286
CAS No.:	184870-30-2
Molecular Formula:	C <sub>158</sub> H <sub>263</sub> N <sub>45</sub> O <sub>27</sub>
Molecular Weight:	3225.06
Sequence:	Gly-Arg-Phe-Lys-Arg-Phe-Arg-Lys-Lys-Phe-Lys-Lys-Leu-Phe-Lys-Lys-Leu-Ser-Pro-Val-Ile-Pro-Leu-Leu-His-Leu-NH <sub>2</sub>
Sequence Shortening:	GRFKRFRKKFKKLFKKLSPVIPLLHL-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

BMAP-27 is an antimicrobial peptide capable of disrupting the membrane integrity of microorganisms. Due to its membrane permeability, MAP-27 has inhibitory activity against both bacteria and cancer cells<sup>[1]</sup>.

### REFERENCES

[1]. Yang S, et al. Structural analysis and mode of action of BMAP-27, a cathelicidin-derived antimicrobial peptide. *Peptides*. 2019 Aug;118:170106.

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

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