

CP7-FP13-2

Cat. No.:	HY-P10200
CAS No.:	3032621-32-9
Molecular Formula:	C ₁₄₅ H ₂₂₄ N ₃₄ O ₃₁ S ₂
Molecular Weight:	3003.67
Sequence:	Cyclo(-Leu-Leu-Phe-Ala-(Dab))-Asn-Ile-Gly-Gly-Cys-(6-Maleimidocaproic acid)-Gly-Ile-Lys-Asn-Leu-Trp-Lys-Lys-Met-Ile-Lys-Leu-Trp-Tyr
Sequence Shortening:	Cyclo(LLFA-(Dab))-NIGGC-(6-Maleimidocaproic acid)-GIKNLWKKMIKLWY
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	CP7-FP13-2 is a peptide with antivirulence factor and antibacterial activity. CP7-FP13-2 inhibits the formation of Staphylococcus aureus biofilm and has good antibacterial efficacy in mice ^[1] .
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REFERENCES

[1]. Lin H, et al. A Hybrid Antimicrobial Peptide Targeting Staphylococcus aureus with a Dual Function of Inhibiting Quorum Sensing Signaling and an Antibacterial Effect. J Med Chem. 2023 Dec 28;66(24):17105-17117.

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

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