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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Temporin SHF

Cat. No.:	HY-P10536
CAS No.:	1802175-40-1
Molecular Formula:	C ₅₇ H ₇₈ N ₁₂ O ₉
Molecular Weight:	1075.3
Sequence:	Phe-Phe-Phe-Leu-Ser-Arg-Ile-Phe-NH ₂
Sequence Shortening:	FFFLSRIF-NH ₂
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Temporin SHF is a broad-spectrum antimicrobial peptide that is active against Gram-positive and Gram-negative bacteria and yeasts, but does not have hemolytic activity. Temporin SHF disrupts the acyl chain stacking of anionic lipid bilayers, leading to cracks and disintegration of microbial membranes. Temporin SHF can be used in the development of antimicrobial drugs^[1].

REFERENCES

[1]. André S, et al. Structure-activity relationship-based optimization of small temporin-SHF analogs with potent antibacterial activity[J]. ACS Chemical Biology, 2015, 10(10): 2257-2266.

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

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