



SZABO SCANDIC

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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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Brevicidine

Cat. No.:	HY-P10519
CAS No.:	2676889-05-5
Molecular Formula:	C ₇₄ H ₁₀₆ N ₁₈ O ₁₇
Molecular Weight:	1519.74
Sequence:	4-Methylhexanoyl-{d-Asn}-{d-Tyr}-{d-Trp}-{d-Orn}-{Orn}-Gly-{d-Orn}-Trp-Thr-Ile-Gly-Ser (Lactone: Thr9-Ser12)
Sequence Shortening:	4-Methylhexanoyl-{d-Asn}-{d-Tyr}-{d-Trp}-{d-Orn}-{Orn}-G-{d-Orn}-WTIGS (Lactone: Thr9-Ser12)
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Brevicidine is a non-ribosomally synthesized antimicrobial peptide with potent antibacterial activity against Gram-negative pathogens. Brevicidine disrupts the morphology of bacteria by binding to polysaccharides (LPS) on bacterial cell membranes to form holes^[1].

REFERENCES

[1]. Zhao X, et al. Mimicry of a non-ribosomally produced antimicrobial, brevicidine, by ribosomal synthesis and post-translational modification[J]. Cell Chemical Biology, 2020, 27(10): 1262-1271. e4.

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

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