



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cys-LL37

Cat. No.:	HY-P10306
Molecular Formula:	C ₂₀₈ H ₃₄₅ N ₆₁ O ₅₄ S
Molecular Weight:	4596.41
Sequence:	Cys-Leu-Leu-Gly-Asp-Phe-Phe-Arg-Lys-Ser-Lys-Glu-Lys-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Gln-Arg-Ile-Lys-Asp-Phe-Leu-Arg-Asn-Leu-Val-Pro-Arg-Thr-Glu-Ser
Sequence Shortening:	CLLGDFFRKSKEKIGKEFKRIVQRIKDFLRNLPRTES
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Cys-LL37 is a biomaterial with antimicrobial properties developed by covalently fixing to the surface of titanium. Cys-LL37 uses a flexible hydrophilic polyethylene glycol spacer and selective n-terminal coupling LL37, a surface peptide layer that kills bacteria on contact is formed. Cys-LL37 can be used in research to develop new antimicrobial biomaterials^[1].

REFERENCES

[1]. Gabriel M, et al. Preparation of LL-37-grafted titanium surfaces with bactericidal activity[J]. Bioconjugate chemistry, 2006, 17(2): 548-550.

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

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