



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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(KFF)3K

Cat. No.:	HY-P10556
CAS No.:	622402-94-2
Molecular Formula:	C ₇₈ H ₁₀₅ N ₁₅ O ₁₀
Molecular Weight:	1412.76
Sequence:	Lys-Phe-Phe-Lys-Phe-Phe-Lys-Phe-Phe-Lys-NH ₂
Sequence Shortening:	KFFKFFKFFK-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

(KFF)3K is a cell penetrating peptide that can promote the absorption of other antibiotics by disrupting the outer membrane of bacteria. (KFF)3K can be introduced into a hydrocarbon scaffold to induce its antibacterial properties, making it an effective antimicrobial peptide. (KFF)3K can be used in the development of new antimicrobial agents^[1].

REFERENCES

[1]. Macyszyn J, et al. Structural dynamics influences the antibacterial activity of a cell-penetrating peptide (KFF) 3K[J]. Scientific Reports, 2023, 13(1): 14826.

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

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