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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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KK14(R)

Cat. No.:	HY-P10329
CAS No.:	2415098-35-8
Molecular Formula:	C ₉₆ H ₁₃₈ N ₂₆ O ₁₄
Molecular Weight:	1880.29
Sequence:	Lys-Lys-Phe-Phe-Arg-Ala-Trp-Trp-Ala-Pro-Arg-Phe-Leu-Lys-NH ₂
Sequence Shortening:	KKFFRAWWAPFLK-NH ₂
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

KK14(R) is an analog of the de novo synthetic peptide KK14, which exhibits antifungal activity against *Fusarium culmorum*, *Penicillium expansum* and *Aspergillus niger*, with MICs of 6.25, 12.5 and 12.5 µg/mL, respectively. KK14(R) exhibits good heat- and pH-stability. KK14(R) exhibits cytotoxicity against cells Caco-2 and RAW264.7^[1].

REFERENCES

[1]. They T, et al., Antifungal activity of a de novo synthetic peptide and derivatives against fungal food contaminants. *J Pept Sci.* 2019 Jan;25(1):e3137.

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

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