



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BING

Cat. No.:	HY-P10411
CAS No.:	2396407-35-3
Molecular Formula:	C ₆₇ H ₁₂₅ N ₂₁ O ₁₅
Molecular Weight:	1464.84
Sequence:	Ile-Arg-Ile-Ile-Leu-Arg-Ala-Gln-Gly-Ala-Leu-Lys-Ile
Sequence Shortening:	IRIILRAQGALKI
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

BING is an antimicrobial peptide that can be isolated from Japanese medaka fish. BING shows a broad-spectrum toxicity against pathogenic bacteria including drug-resistant strains. BING induces a deregulation of periplasmic peptidyl-prolyl isomerases in gram-negative bacteria, and reduces the RNA level of cpxR, which plays a crucial role in the development of antimicrobial resistance^[1].

REFERENCES

[1]. Dong M, et al. BING, a novel antimicrobial peptide isolated from Japanese medaka plasma, targets bacterial envelope stress response by suppressing cpxR expression. *Sci Rep.* 2021 Jun 9;11(1):12219.

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

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