



# 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

### SZABO-SCANDIC HandelsgmbH

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## OP-145

<b>Cat. No.:</b>	HY-P10345
<b>CAS No.:</b>	732984-81-5
<b>Molecular Formula:</b>	C <sub>142</sub> H <sub>246</sub> N <sub>46</sub> O <sub>31</sub>
<b>Molecular Weight:</b>	3093.76
<b>Sequence:</b>	Ac-Ile-Gly-Lys-Glu-Phe-Lys-Arg-Ile-Val-Glu-Arg-Ile-Lys-Arg-Phe-Leu-Arg-Glu-Leu-Val-Arg-Pro-Leu-Arg-NH <sub>2</sub>
<b>Sequence Shortening:</b>	Ac-IGKEFKRIVERIKRFLRELVRPLR-NH <sub>2</sub>
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

OP-145, an cathelicidin LL-37 derivative, is an antimicrobial peptide, and shows antibacterial activity against several MRSA strains. OP-145 can be used for research of chronic suppurative otitis media<sup>[1]</sup>.

### REFERENCES

- [1]. Ming L, et al. The Antibacterial Effects of Antimicrobial Peptides OP-145 against Clinically Isolated Multi-Resistant Strains. *Jpn J Infect Dis.* 2017 Nov 22;70(6):601-603.
- [2]. Hao Z, et al. Antimicrobial peptides for bone tissue engineering: Diversity, effects and applications. *Front Bioeng Biotechnol.* 2022 Oct 6;10:1030162.

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

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