



# 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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Omiganan pentahydrochloride

Cat. No.:	HY-105048A
CAS No.:	269062-93-3
Molecular Formula:	C <sub>90</sub> H <sub>132</sub> Cl <sub>5</sub> N <sub>27</sub> O <sub>12</sub>
Molecular Weight:	1961.45
Sequence:	Ile-Leu-Arg-Trp-Pro-Trp-Trp-Pro-Trp-Arg-Arg-Lys-NH <sub>2</sub>
Sequence Shortening:	ILRWPWWPWRRK-NH <sub>2</sub>
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Omiganan pentahydrochloride is a cationic peptide compound with a broad antibacterial profile. Omiganan pentahydrochloride is capable of inhibiting a variety of bacteria, including yeast, and is active against both gram-positive and gram-negative bacteria. Omiganan pentahydrochloride is able to interact with the bacterial cell membrane, causing the destruction of the cell membrane and the death of the bacteria. Omiganan pentahydrochloride can be used for the study of antimicrobial activity against pathogens commonly associated with catheter-associated infections, including strains with drug-resistant phenotypes<sup>[1]</sup>.

### CUSTOMER VALIDATION

- Asian J Pharm Sci. 2023 Nov 28, 100869.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Fritsche T R, et al. Antimicrobial activity of omiganan pentahydrochloride tested against contemporary bacterial pathogens commonly responsible for catheter-associated infections[J]. Journal of antimicrobial chemotherapy, 2008, 61(5): 1092-1098.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA