



# 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

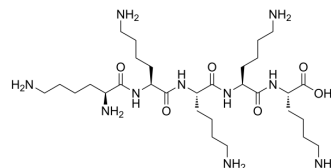
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## Penta lysine

Cat. No.:	HY-P0135
CAS No.:	19431-21-1
Molecular Formula:	C <sub>30</sub> H <sub>62</sub> N <sub>10</sub> O <sub>6</sub>
Molecular Weight:	658.88
Sequence:	Lys-Lys-Lys-Lys-Lys
Sequence Shortening:	KKKKK
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Penta lysine is an antibacterial agent, that inhibits <i>E. coli</i> , <i>A. baumannii</i> , <i>P. aeruginos</i> , <i>S. aureus</i> , and <i>B. subtilis</i> , with MIC of 1.1-18 μM <sup>[1]</sup> .
-------------	---

### REFERENCES

[1]. Albada HB, et al., Short antibacterial peptides with significantly reduced hemolytic activity can be identified by a systematic L-to-D exchange scan of their amino acid residues. *ACS Comb Sci.* 2013 Nov 11;15(11):585-92.

**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