



# SZABO SCANDIC

Part of Europa Biosite

## 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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## Pexiganan acetate

Cat. No.:	HY-105088A	
CAS No.:	172820-23-4	
Molecular Formula:	$C_{122}H_{210}N_{32}O_{22} \cdot xC_2H_4O_2$	
Sequence:	Gly-Ile-Gly-Lys-Phe-Leu-Lys-Lys-Ala-Lys-Lys-Phe-Gly-Lys-Ala-Phe-Val-Lys-Ile-Leu-Lys-Lys-NH <sub>2</sub>	Gly-Ile-Gly-Lys-Phe-Leu-Lys-Lys-Ala-Lys-Lys-Phe-Gly-Lys-Ala-Phe-Val-Lys-Ile-Leu-Lys-Lys-NH <sub>2</sub> (acetate salt)
Sequence Shortening:	GIGKFLKAKKFGKAFVKILKK-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

Pexiganan acetate (MSI 78) is the acetate salt form of Pexiganan (HY-105088). Pexiganan acetate is an orally active broad-spectrum antimicrobial peptide, which inhibits 99% gram-positive and Gram-negative aerobic bacteria through disruption of cell membrane/cells permeability. Pexiganan acetate can be used in the research of infections, such as diabetic foot ulcer infections<sup>[1]</sup>.

### REFERENCES

[1]. Lamb HM, et al. Pexiganan acetate. *Drugs*. 1998 Dec;56(6):1047-52; discussion 1053-4.

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

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