



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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## Pantinin-2

Cat. No.:	HY-P10540
CAS No.:	2383115-01-1
Molecular Formula:	C <sub>69</sub> H <sub>109</sub> N <sub>15</sub> O <sub>16</sub>
Molecular Weight:	1404.69
Sequence:	Ile-Phe-Gly-Ala-Ile-Trp-Lys-Gly-Ile-Ser-Ser-Leu-Leu
Sequence Shortening:	IFGAIWKGISSLL
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Pantinin-2 is a cysteine-free toxic peptide found in the emperor scorpion (paninus imperator). Pantinin-2 has high activity against Gram-positive bacteria but weak activity against Gram-negative bacteria. Pantinin-2 also exhibits activity against *Candida tropicalis* and has relatively mild hemolytic activity against human erythrocytes. Pantinin-2 can be used in the development of antimicrobial drugs for drug-resistant pathogens<sup>[1]</sup>.

### REFERENCES

[1]. Zeng X C, et al. Three new antimicrobial peptides from the scorpion *Pandinus imperator*[J]. *Peptides*, 2013, 45: 28-34.

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

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