



# 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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## Pantinin-3

Cat. No.:	HY-P10511
CAS No.:	2383115-06-6
Molecular Formula:	C <sub>72</sub> H <sub>114</sub> N <sub>16</sub> O <sub>18</sub>
Molecular Weight:	1491.77
Sequence:	Phe-Leu-Ser-Thr-Ile-Trp-Asn-Gly-Ile-Lys-Ser-Leu-Leu
Sequence Shortening:	FLSTIWNGIKSLL
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Pantinin-3 is an antimicrobial peptide with antitumor activity found in the venom of the emperor scorpion (*Pandinus imperator*). Pantinin-3 shows selective toxicity against breast cancer cells (MDA-MB-231) and prostate cancer cells (DU-145). Pantinin-3 can induce apoptosis in tumor cells. Pantinin-3 can be used in cancer research<sup>[1]</sup>.

### REFERENCES

[1]. Crusca Jr E, et al. Biophysical characterization and antitumor activity of synthetic Pantinin peptides from scorpion's venom[J]. *Biochimica et Biophysica Acta (BBA)-Biomembranes*, 2018, 1860(11): 2155-2165.

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

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