



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Echinotocin

|                      |   |
|----------------------|---|
| Cat. No.:            | HY-P10528   |
| CAS No.:             | 1219926-10-9  |
| Molecular Formula:   | C <sub>41</sub> H <sub>66</sub> N <sub>12</sub> O <sub>11</sub> S <sub>2</sub>            |
| Molecular Weight:    | 967.17  |
| Sequence:            | Cys-Phe-Ile-Ser-Asn-Cys-Pro-Lys-Gly-NH <sub>2</sub>                                       |
| Sequence Shortening: | CFISNCPKG-NH <sub>2</sub>   |
| Target:              | Others  |
| Pathway:             | Others  |
| Storage:             | Please store the product under the recommended conditions in the Certificate of Analysis. |

### BIOLOGICAL ACTIVITY

#### Description

Echinotocin is a neuropeptide found in sea urchins that has muscle contractile activity. Echinotocin can cause contractions of the tube feet and esophagus of sea urchins. Echinotocin can be used to study the role of neuropeptides in invertebrate physiology and behavior<sup>[1]</sup>.

### REFERENCES

[1]. Elphick M R, et al. NGFFFamide and echinotocin: structurally unrelated myoactive neuropeptides derived from neurophysin-containing precursors in sea urchins[J]. Journal of Experimental Biology, 2009, 212(8): 1067-1077.

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

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