



# 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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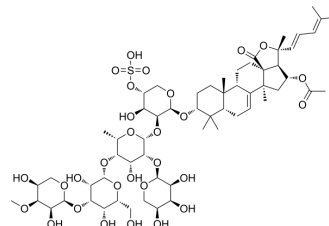
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## Cucumarioside H

Cat. No.:	HY-137566
CAS No.:	116524-58-4
Molecular Formula:	C <sub>60</sub> H <sub>92</sub> O <sub>29</sub> S
Molecular Weight:	1309.42
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cucumarioside H is a novel triterpene glycoside isolated from the Far Eastern sea cucumber *Eupentacta fraudatrix*, including H2, H3 and H4. These glycosides have a branched pentasyl structure with a rare 3-O-methyl-D-xylose as the terminal monosaccharide. H2 contains 23,24,25,26,27-pentanolone sterols and has an 18(16)-lactone, which is not common in sea cucumbers. The glycoside portion of H3 contains an extremely rare ethoxyl radical at the 25 position, which may be an artifact formed during the long ethanol extraction process. Studies have shown that H1-3 are cytotoxic to mouse spleen lymphocytes, hemolytic to mouse erythrocytes, and cytotoxic to Ehrlich carcinoma cells. The presence of a 25-hydroxyl group in the glycoside portion significantly reduces these activities.

### REFERENCES

[1]. Structures and cytotoxic properties of cucumariosides H2, H3 and H4 from the sea cucumber *Eupentacta fraudatrix*

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

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