



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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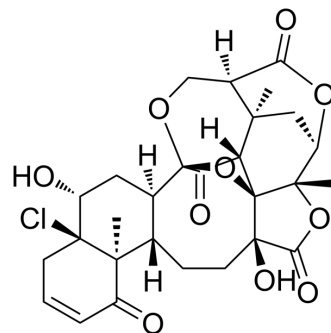
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## Physalin H

Cat. No.:	HY-N8270
CAS No.:	70241-09-7
Molecular Formula:	C <sub>28</sub> H <sub>31</sub> ClO <sub>10</sub>
Molecular Weight:	562.99
Target:	Hedgehog; Endogenous Metabolite
Pathway:	Stem Cell/Wnt; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Physalin H is a natural product that can be isolated from *Solanum nigrum*. Physalin H is an inhibitor of Hedgehog (Hh) signaling and it disrupts GLI1-DNA-complex formation. Physalin H inhibits GLI1 transcription with an IC<sub>50</sub> value of 0.7 μM. Physalin H shows cytotoxicity to PANC1 and DU145 cells with IC<sub>50</sub> values of 5.7 and 6.8 μM, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Arai MA, et al. Physalin H from *Solanum nigrum* as an Hh signaling inhibitor blocks GLI1-DNA-complex formation. *Beilstein J Org Chem*. 2014 Jan 13;10:134-40.

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

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