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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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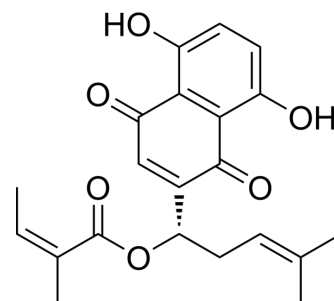
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Angelylalkannin

Cat. No.:	HY-126596
CAS No.:	69175-72-0
Molecular Formula:	C ₂₁ H ₂₂ O ₆
Molecular Weight:	370.4
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Angelylalkannin is a naphthoquinone compound isolated from the root of *Alkanna tinctoria*. Angelylalkannin showed significant inhibitory effects in the antiproliferative effect test on human colon cancer cells HCT-116 and SW-480. The median inhibitory concentration (IC₅₀) of Angelylalkannin was 4.76 mM for HCT-116 cells and 7.03 mM for SW-480 cells. Like alkannin, Angelylalkannin can arrest the cell cycle in the G1 phase and induce apoptosis at a concentration of 1-10 mM.

REFERENCES

[1]. Naphthoquinone Components from *Alkanna tinctoria* (L.) Tausch Show Significant Antiproliferative Effects on Human Colorectal Cancer Cells

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

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