



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

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Stelletin B

Chemical Properties

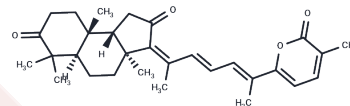
CAS No. : 184885-91-4

Formula: C₃₀H₃₈O₄

Molecular Weight: 462.62

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Stelletin B, a triterpene compound isolated from the marine sponge <i>Jaspis stellifera</i> , has demonstrated notable anticancer properties. It induces G1 phase arrest, apoptosis, and autophagy in human non-small cell lung cancer A549 cells by inhibiting the PI3K/Akt/mTOR pathway. Additionally, Stelletin B reduces migration and invasion in hepatocellular carcinoma cells through the suppression of the MAPK and FAK/PI3K/AKT/mTOR signaling pathways. This compound is utilized in various cancer research studies.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1616 mL	10.808 mL	21.616 mL
5 mM	0.4323 mL	2.1616 mL	4.3232 mL
10 mM	0.2162 mL	1.0808 mL	2.1616 mL
50 mM	0.0432 mL	0.2162 mL	0.4323 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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