



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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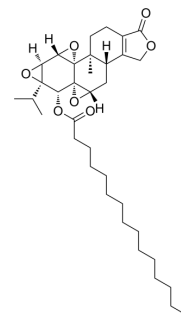
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Triptolide palmitate

Cat. No.:	HY-158090
CAS No.:	2126920-51-0
Molecular Formula:	C ₃₆ H ₅₄ O ₇
Molecular Weight:	598.81
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (167.00 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	1.6700 mL	8.3499 mL	16.6998 mL	
5 mM	0.3340 mL	1.6700 mL	3.3400 mL	
10 mM	0.1670 mL	0.8350 mL	1.6700 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Triptolide palmitate is the derivative of Triptolide (HY-32735). Triptolide palmitate exhibits cytotoxicity against cancer cell MCF-7 and A549, with IC₅₀ of 7.5 and 6.4 μM. Triptolide palmitate exhibits a half-time T_{1/2} of 50.4 min in Sprague Dawley rats. Triptolide palmitate can be utilized as drug carrier^[1].

REFERENCES

[1]. Fu Z, et al., A kind of triptolide derivative and preparation method thereof and preparation. CN106946975.

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

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