

Product Data Sheet

Product Name: Triptolide palmitate

Cat. No.: GC73782

Chemical Properties

Cas. No. 2126920-51-0

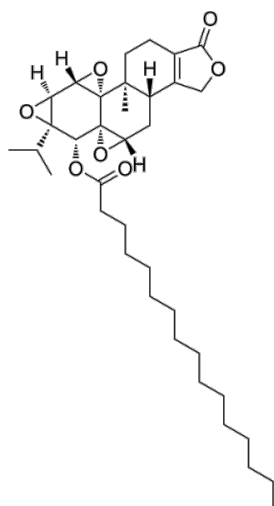
Formula $C_{36}H_{54}O_7$ M.Wt 598.81

Solubility DMSO : 100 mg/mL (167.00 mM; Storage 4°C, protect from light
Need ultrasonic)

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

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

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Triptolide palmitate is the derivative of Triptolide . Triptolide palmitate exhibits cytotoxicity against cancer cell MCF-7 and A549, with IC50 of 7.5 and 6.4 μ M. Triptolide palmitate exhibits a half-time T1/2 of 50.4 min in Sprague Dawley rats. Triptolide palmitate can be utilized as drug carrier.

References:

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

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