

Product Data Sheet

Product Name: Coixenolide

Cat. No.: GC74264

Chemical Properties

Cas. No. 29066-43-1

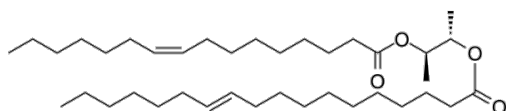
Formula $C_{38}H_{70}O_4$ M.Wt 590.96

Solubility THF : 40 mg/mL (67.69 mM; Need ultrasonic) Storage 4°C, sealed storage, away from moisture and light

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

Coixenolide can be isolated from coix seeds, and exhibits anti-inflammatory, anti-tumor and pain-

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

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reducing activities. Coixenolide stimulates the lung, heart, striated and smooth muscles at low doses, while inhibits at high doses. Coixenolide dilates pulmonary veins and improves pulmonary blood circulation.

References:

[1]. Hu AJ, et al., Ultrasound assisted supercritical fluid extraction of oil and coixenolide from adlay seed. Ultrason Sonochem. 2007 Feb;14(2):219-24.

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