

Product Data Sheet

Product Name: Antcin A

Cat. No.: GC72081

Chemical Properties

Cas. No. 163597-24-8

Formula $C_{29}H_{42}O_4$

M.Wt 454.64

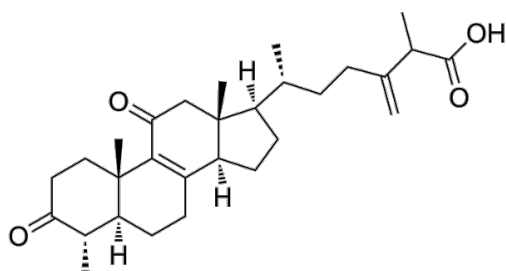
Solubility

Storage

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

Antcin A is a potent NLRP3 inhibitor that inhibits the assembly and activation of the NLRP3 inflammasome. Antcin A can inhibit Kupffer cell pyroptosis and has liver protective activity. Antcin A can be used to study inflammation, such as non-alcoholic fatty liver disease.

References:

[1]. Ruan S, et al. Antcin A alleviates pyroptosis and inflammatory response in Kupffer cells of non-

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

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alcoholic fatty liver disease by targeting NLRP3. Int Immunopharmacol. 2021 Nov;100:108126.

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