

Product Data Sheet

Product Name: Dihydroartemisinic acid

Cat. No.: GC38429

Chemical Properties

Cas. No. 85031-59-0

SMILES OC([C@@H]([C@@]1([H])[C@]2([H])[C@](CCC(C)=C2)([H])[C@H](C)CC1)C)=O

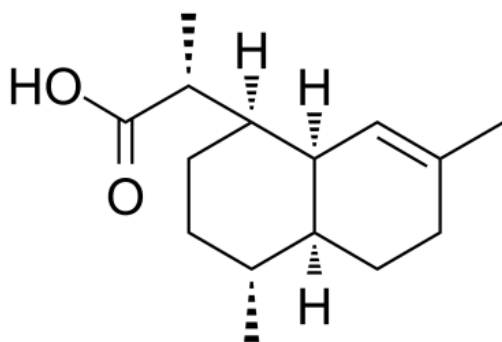
Formula $C_{15}H_{24}O_2$ M.Wt 236.35

Solubility DMF: 20 mg/ml, DMF:PBS(pH 7.2) Storage 4°C, protect from light
(1:1): 0.5 mg/ml, DMSO: 10 mg/ml, Ethanol: 16 mg/ml

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

Dihydroartemisinic acid (Dihydroqinghao acid), isolated as a natural product from *Artemisia annua*, is a biosynthetic precursor to the antimalarial agent Artemisinin[1].

[1]. Wallaart TE, et al. Isolation and identification of dihydroartemisinic acid from *artemisia annua* and its possible role in the biosynthesis of artemisinin. *J Nat Prod.* 1999 Mar;62(3):430-3.

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

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