

Product Data Sheet

Product Name: Arteannuin B

Cat. No.: GC35398

Chemical Properties

Cas. No. 50906-56-4

SMILES C[C@@]1(CC[C@]2([H])[C@@]3(OC4=O)[C@](CC[C@H]2C)([H])C4=C)[C@H]3O1

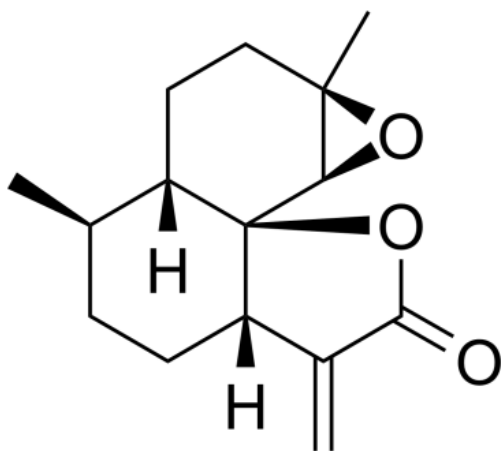
Formula $C_{15}H_{20}O_3$ M.Wt 248.32

Solubility DMSO : 25 mg/mL (100.68 mM; Need ultrasonic) Storage 4°C, protect from 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

Arteannuin B co-occurs with artemisinin, which is the potent antimalarial principle of the Chinese medicinal herb *Artemisia annua* (Asteraceae)[1].

[1]. Nair MS, et al. Bioconversion of arteannuin B to artemisinin. J Nat Prod. 1993 Sep;56(9):1559-66.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA