

Product Data Sheet

Product Name: Artemotil (β -Arteether)

Cat. No.: GC32205

Chemical Properties

Cas. No. 75887-54-6

SMILES C[C@@H]1[C@@](CC[C@@H](C)[C@]2([H])CC[C@]3(C)O4([H])[C@@]2(OO3)[C@]4([H])O[C@@H]1OCC

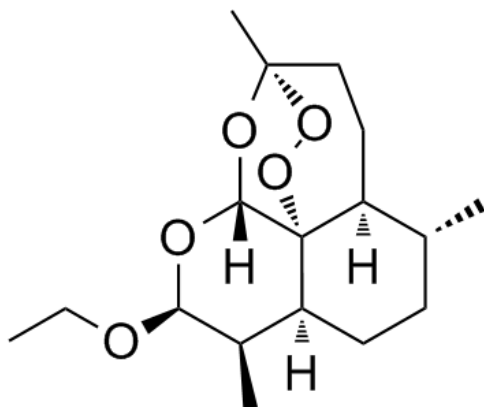
Formula $C_{17}H_{28}O_5$ M.Wt 312.4

Solubility DMSO : 50 mg/mL (160.05 mM); Water : < 0.1 mg/mL (insoluble) Storage Store at -20°C

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

Artemotil (β -Arteether) is a fast acting blood schizonticide specifically indicated for the treatment of chloroquine-resistant Plasmodium falciparum malaria and cerebral malaria cases. Target: Artemotil is a semi-synthetic derivative of artemisinin, a natural product of the Chinese plant Artemisia annua.

[1]. Looareesuwan S, et al. Dose-finding and efficacy study for i.m. artemotil (beta-arteether) and

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

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comparison with i.m. artemether in acute uncomplicated *P. falciparum* malaria. Br J Clin Pharmacol. 2002 May;53(5):492-500.

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