

Artemether

Catalog No: tcsc2492



Available Sizes

Size: 100mg

Size: 500mg



Specifications

CAS No:
71963-77-4

Formula:
 $C_{16}H_{26}O_5$

Pathway:
Anti-infection

Target:
Parasite

Purity / Grade:
>98%

Solubility:
DMSO : 100 mg/mL (335.15 mM; Need ultrasonic); H₂O :

Alternative Names:
Dihydroqinghaosu methyl ether;Dihydroartemisinin methyl ether;SM224

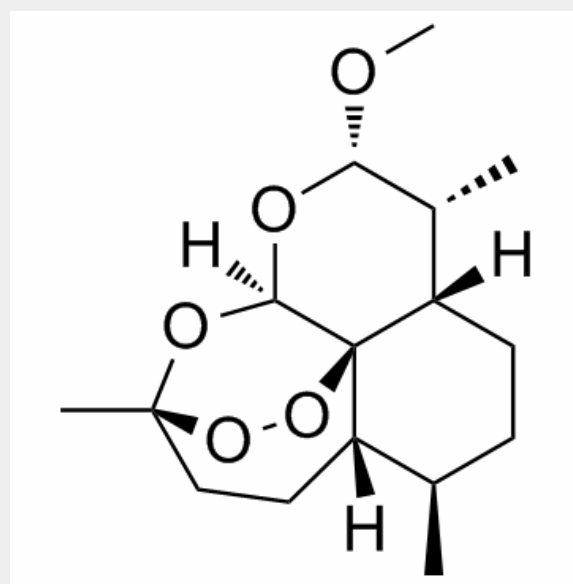
Observed Molecular Weight:
298.37

Product Description

Artemether is an antimalarial for the treatment of resistant strains of falciparum malaria.

Target: Antiparasitic

Artemether is an antimalarial agent used to treat acute uncomplicated malaria. It is administered in combination with lumefantrine for improved efficacy. Artemether exhibits the highest activity against juvenile stages of the parasites, while adult worms are significantly less susceptible. There was no indication of neurotoxicity following repeated high doses of artemether given fortnightly for up to 5 months. Artemether-integrated with other control strategies-has considerable potential for reducing the current burden of schistosomiasis in different epidemiological settings [1]. There were remarkably inhibitory effects of artemether on brain glioma growth and angiogenesis in SD rats and the mechanism that artemether inhibited brain glioma growth might be penetrating the blood-brain barrier and inhibiting angiogenesis [2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!