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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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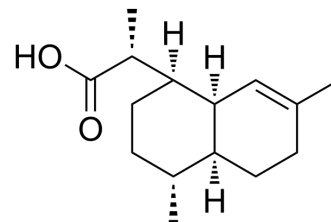
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Dihydroartemisinic acid

Cat. No.:	HY-N4106
CAS No.:	85031-59-0
Molecular Formula:	C ₁₅ H ₂₄ O ₂
Molecular Weight:	236.35
Target:	Parasite; Ferroptosis
Pathway:	Anti-infection; Apoptosis
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (423.10 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	4.2310 mL	21.1551 mL	42.3101 mL
		5 mM	0.8462 mL	4.2310 mL	8.4620 mL
		10 mM	0.4231 mL	2.1155 mL	4.2310 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (10.58 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (10.58 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (10.58 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Dihydroartemisinic acid (Dihydroqinghao acid) is a biosynthetic precursor to the antimalarial agent Artemisinin ^[1] .
IC ₅₀ & Target	Plasmodium

REFERENCES

[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

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

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