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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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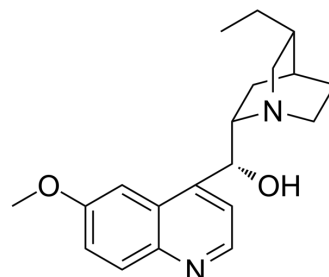
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Hydroquinine

Cat. No.:	HY-42034
CAS No.:	522-66-7
Molecular Formula:	C ₂₀ H ₂₆ N ₂ O ₂
Molecular Weight:	326.43
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 130 mg/mL (398.25 mM; Need ultrasonic)

H₂O : < 0.1 mg/mL (insoluble)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		3.0634 mL	15.3172 mL	30.6344 mL
	5 mM		0.6127 mL	3.0634 mL	6.1269 mL
	10 mM		0.3063 mL	1.5317 mL	3.0634 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: ≥ 3.25 mg/mL (9.96 mM); Clear solution

2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 3.25 mg/mL (9.96 mM); Clear solution

3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 3.25 mg/mL (9.96 mM); Clear solution

BIOLOGICAL ACTIVITY

Description	Hydroquinine is a cinchona alkaloid, can be used in the preparation of its derivatives such as C9 epihydroquinine, 9-acetoxy-10,11-dihydroquinine and 10,11-dihydroquinine monohydrochloride ^[1] .
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REFERENCES

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

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