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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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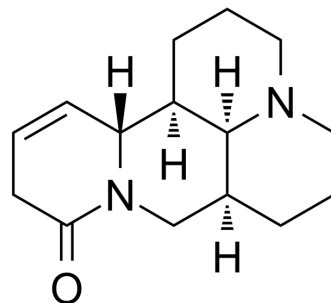
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Lehmannine

Cat. No.:	HY-N8091
CAS No.:	58480-54-9
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O
Molecular Weight:	246.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 50 mg/mL (202.96 mM); ultrasonic and warming and heat to 60°C						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	4.0593 mL	20.2963 mL	40.5927 mL
				5 mM	0.8119 mL	4.0593 mL	8.1185 mL
				10 mM	0.4059 mL	2.0296 mL	4.0593 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: ≥ 1.25 mg/mL (5.07 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (5.07 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 1.25 mg/mL (5.07 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Lehmannine is a quinolizidine bioalkaloid isolated from <i>S. alopecuroides</i> L, has antibacterial, anti-inflammatory and anti-tumor activities ^[1] .
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REFERENCES

[1]. Gang Zhao, et al. An HPLC method for the determination and pharmacokinetic study of lehmannine in rat plasma. Biomed Chromatogr. 2008 Oct;22(10):1149-54.

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

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