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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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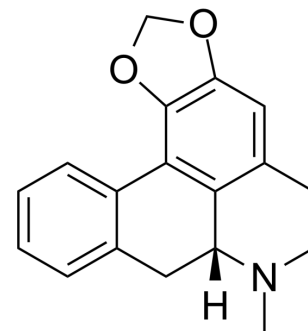
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Roemerine

Cat. No.:	HY-121793
CAS No.:	548-08-3
Molecular Formula:	C ₁₈ H ₁₇ NO ₂
Molecular Weight:	279.33
Target:	P-glycoprotein; Endogenous Metabolite
Pathway:	Membrane Transporter/Ion Channel; Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (358.00 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	3.5800 mL	17.9000 mL	35.8000 mL
		5 mM	0.7160 mL	3.5800 mL	7.1600 mL
	10 mM	0.3580 mL	1.7900 mL	3.5800 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 (8.95 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.95 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.95 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Roemerine, an aporphine alkaloid, isolated from the leaves of <i>Fibraurea recisa</i> Pierre, functions by interacting with P-glycoprotein. Roemerine reverses the multidrug-resistance phenotype with cultured cells ^[1] .
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REFERENCES

[1]. M You, et al. (-)-Roemerine, an Aporphine Alkaloid From *Annona Senegalensis* That Reverses the Multidrug-Resistance Phenotype With Cultured Cells. *J Nat Prod.* 1995

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

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