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Diagnostik & molekulare Diagnostik



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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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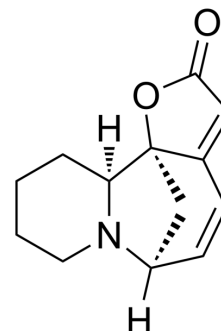
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Allosecurinine

Cat. No.:	HY-N2377
CAS No.:	884-68-4
Molecular Formula:	C ₁₃ H ₁₅ NO ₂
Molecular Weight:	217.27
Target:	Parasite
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 (230.13 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		4.6026 mL	23.0131 mL	46.0261 mL
		5 mM		0.9205 mL	4.6026 mL	9.2052 mL
		10 mM		0.4603 mL	2.3013 mL	4.6026 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: ≥ 2.08 mg/mL (9.57 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 1.25 mg/mL (5.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Allosecurinine (Phyllochrysine) is a Securinega alkaloid isolated from <i>Phyllanthus glaucus</i> ^[1] .
IC ₅₀ & Target	Plasmodium
In Vitro	Securinega alkaloids are a class of natural products found in a small number of <i>Phyllanthaceae</i> species, and exhibits important biological activities, such as stimulating the Central Nervous System (CNS) and antitumor, anti-malarial and antibacterial activities ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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

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