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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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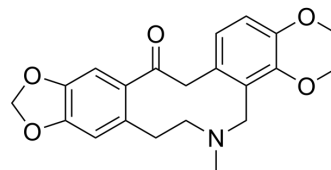
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Allocryptopine

Cat. No.:	HY-N1933
CAS No.:	485-91-6
Molecular Formula:	C ₂₁ H ₂₃ NO ₅
Molecular Weight:	369.41
Target:	Potassium Channel
Pathway:	Membrane Transporter/Ion Channel
Storage:	-20°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 (135.35 mM; Need ultrasonic)				
	Preparing Stock Solutions	Solvent Concentration Mass	1 mg	5 mg	10 mg
		1 mM	2.7070 mL	13.5351 mL	27.0702 mL
		5 mM	0.5414 mL	2.7070 mL	5.4140 mL
		10 mM	0.2707 mL	1.3535 mL	2.7070 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 (6.77 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.77 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Allocryptopine, a derivative of tetrahydropalmatine, is extracted from <i>Macleaya cordata</i> (Thunb.) Pers. Papaveraceae. Allocryptopine has antiarrhythmic effects and potently blocks human ether-a-go-go related gene (hERG) current ^{[1][2]} .
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REFERENCES

[1]. Xu B, et al. Effect of α-Allocryptopine on Delayed Afterdepolarizations and Triggered Activities in Mice Cardiomyocytes Treated with Isoproterenol. Evid Based Complement Alternat Med. 2015;2015:634172.

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

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