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Produktinformation



Forschungsprodukte & Biochemikalien



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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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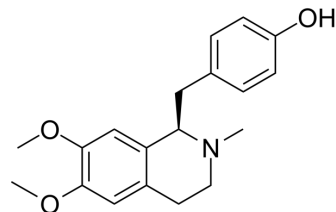
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Armepavine

Cat. No.:	HY-N6857
CAS No.:	524-20-9
Molecular Formula:	C ₁₉ H ₂₃ NO ₃
Molecular Weight:	313.39
Target:	NF-κB
Pathway:	NF-κB
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (319.09 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	3.1909 mL	15.9546 mL	31.9091 mL
		5 mM	0.6382 mL	3.1909 mL	6.3818 mL
	10 mM	0.3191 mL	1.5955 mL	3.1909 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 (7.98 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (7.98 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (7.98 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Armepavine, an active compound from <i>Nelumbo nucifera</i> , exerts not only anti-inflammatory effects on human peripheral blood mononuclear cells, but also immunosuppressive effects on T lymphocytes and on lupus nephritic mice. Armepavine inhibits TNF-α-induced MAPK and NF-κB signaling cascades ^[1] .
IC ₅₀ & Target	p65

REFERENCES

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

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