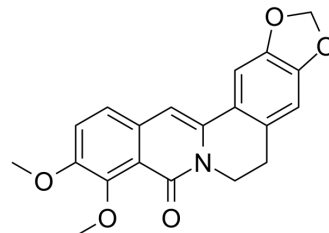


Oxyberberine

Cat. No.:	HY-N5027
CAS No.:	549-21-3
Molecular Formula:	C ₂₀ H ₁₇ NO ₅
Molecular Weight:	351.35
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 16.67 mg/mL (47.45 mM); ultrasonic and warming and heat to 60°C				
		Solvent	Mass		
	Preparing Stock Solutions	Concentration	1 mg	5 mg	10 mg
		1 mM	2.8462 mL	14.2308 mL	28.4616 mL
		5 mM	0.5692 mL	2.8462 mL	5.6923 mL
10 mM		0.2846 mL	1.4231 mL	2.8462 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 mg/mL (5.69 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2 mg/mL (5.69 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Oxyberberine (Oxyberberin) is a natural alkaloid isolated from many plants ^[1] .
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REFERENCES

[1]. Bajpai V, et al. Rapid screening for the adulterants of Berberis aristata using direct analysis in real-time mass spectrometry and principal component analysis for discrimination. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2015;32(6):799

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

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