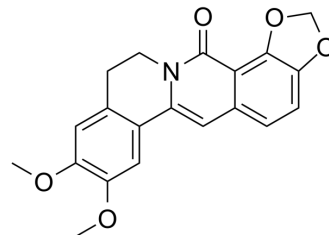


8-Oxoepiberberine

Cat. No.:	HY-N4173
CAS No.:	19716-60-0
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)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			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 >> 90% corn oil Solubility: ≥ 1.67 mg/mL (4.75 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	8-Oxoepiberberine is an alkaloid metabolite in the plasma after oral administration of Zuojin formula, a traditional chinese medicine used to treat gastrointestinal disease ^[1] .
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REFERENCES

[1]. Qian P, et al. Pharmacokinetics Studies of 12 Alkaloids in Rat Plasma after Oral Administration of Zuojin and Fan-Zuojin Formulas. *Molecules*. 2017 Jan 30;22(2).

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

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