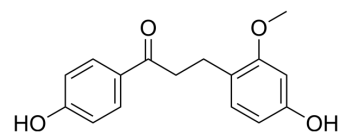


Lourein C

Cat. No.:	HY-N2604
CAS No.:	116384-24-8
Molecular Formula:	C ₁₆ H ₁₆ O ₄
Molecular Weight:	272.3
Target:	Bacterial
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 (183.62 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	3.6724 mL	18.3621 mL	36.7242 mL
				5 mM	0.7345 mL	3.6724 mL	7.3448 mL
				10 mM	0.3672 mL	1.8362 mL	3.6724 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 (9.18 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (9.18 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: 2.5 mg/mL (9.18 mM); Clear solution; Need ultrasonic						

BIOLOGICAL ACTIVITY

Description	Lourein C has anti-bacterial, anti-spasmodic, anti-inflammatory, analgesic, anti-diabetic, and anti-tumor activities ^[1] .
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REFERENCES

[1]. Su XQ, et al. Dihydrochalcones and homoisoflavanes from the red resin of *Dracaena cochinchinensis* (Chinese dragon's blood). *Fitoterapia*. 2014 Dec;99:64-71.

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

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