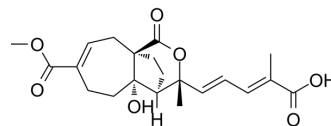


Pseudolaric Acid C

Cat. No.:	HY-N0672	
CAS No.:	82601-41-0	
Molecular Formula:	C ₂₁ H ₂₆ O ₇	
Molecular Weight:	390.43	
Target:	Fungal	
Pathway:	Anti-infection	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (256.13 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	2.5613 mL	12.8064 mL	25.6128 mL
5 mM	0.5123 mL	2.5613 mL	5.1226 mL
10 mM	0.2561 mL	1.2806 mL	2.5613 mL

Please refer to the solubility information to select the appropriate solvent.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (6.40 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.40 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Pseudolaric C is a diterpenoid isolated from the root bark of *Pseudolarix amabilis*, has antifungal activity^[1].

REFERENCES

- [1]. Zhou BN, et al. Pseudolaric acids from *Pseudolarix kaempferi*. *Planta Med.* 1983 Jan;47(1):35-8.

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

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