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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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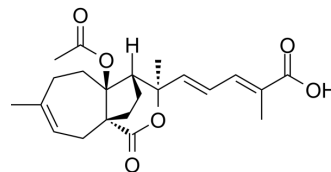
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Pseudolaric Acid A

Cat. No.:	HY-N0673		
CAS No.:	82508-32-5		
Molecular Formula:	C ₂₂ H ₂₈ O ₆		
Molecular Weight:	388.45		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (257.43 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.5743 mL	12.8717 mL	25.7433 mL
	5 mM	0.5149 mL	2.5743 mL	5.1487 mL
	10 mM	0.2574 mL	1.2872 mL	2.5743 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 (6.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (6.44 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (6.44 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Pseudolaric Acid A is a diterpene acid isolated from *Pseudolarix kaempferi*, has antifungal, cytotoxic and antifertile activities [1][2][3].

REFERENCES

- [1]. Zhang J, et al., Antifungal activity of compounds extracted from Cortex *Pseudolaricis* against *Colletotrichum gloeosporioides*. J Agric Food Chem. 2014 May

28;62(21):4905-10.

[2]. Pan DJ, et al. The cytotoxic principles of *Pseudolarix kaempferi*: pseudolaric acid-A and -B and related derivatives. *Planta Med.* 1990 Aug;56(4):383-5.

[3]. Wang WC, et al. [Endocrine activity of pseudolaric acids A and B and their effects on sex hormones, prostaglandins, uteri, and fetuses]. *Zhongguo Yao Li Xue Bao.* 1991 Mar;12(2):187-90.

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

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