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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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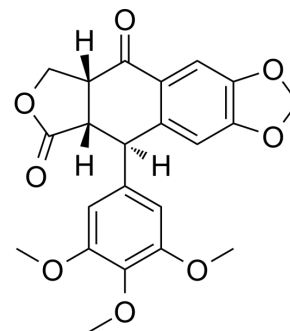
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Picropodophyllone

Cat. No.:	HY-N7684
CAS No.:	477-48-5
Molecular Formula:	C ₂₂ H ₂₀ O ₈
Molecular Weight:	412.39
Target:	Fungal
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 : 100 mg/mL (242.49 mM; Need ultrasonic)						
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg	
				1 mM	2.4249 mL	12.1244 mL	24.2489 mL
				5 mM	0.4850 mL	2.4249 mL	4.8498 mL
				10 mM	0.2425 mL	1.2124 mL	2.4249 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 (6.06 mM); Clear solution						
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution						
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.06 mM); Clear solution						

BIOLOGICAL ACTIVITY

Description	Picropodophyllone, an aryltetralin lignan, is isolated from leaves of <i>Podophyllum hexandrum</i> , and has antifungal activities [1][2].
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REFERENCES

[1]. Yin ML, et, al. [Chemical constituents of *Dyosma aurantiocaulis* (H.-M.) Hu and *Dyosma pleianthum* Woods]. *Zhongguo Zhong Yao Za Zhi*. 1989 Jul; 14(7): 420-1, 447.

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

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