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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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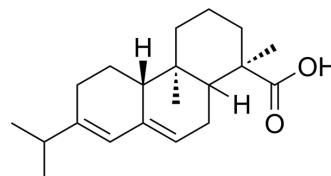
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Abietic acid

Cat. No.:	HY-N6871		
CAS No.:	514-10-3		
Molecular Formula:	C ₂₀ H ₃₀ O ₂		
Molecular Weight:	302.45		
Target:	Bacterial		
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 (330.63 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	3.3063 mL	16.5317 mL	33.0633 mL
		5 mM	0.6613 mL	3.3063 mL	6.6127 mL
10 mM		0.3306 mL	1.6532 mL	3.3063 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 (8.27 mM); Clear solution				
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (8.27 mM); Clear solution				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (8.27 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Abietic acid, a diterpene isolated from Colophony, possesses antiproliferative, antibacterial, and anti-obesity properties. Abietic acid inhibits lipoxygenase activity for allergy treatment ^{[1][2]} .
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REFERENCES

[1]. Ulusu NN, et al. Abietic acid inhibits lipoxygenase activity. *Phytother Res.* 2002 Feb;16(1):88-90.

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

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