



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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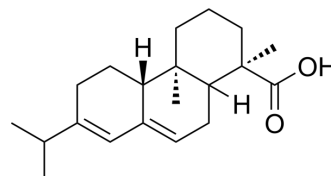
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Abietic acid

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)

Concentration	Solvent	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

- 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
- 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
- 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]}.

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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