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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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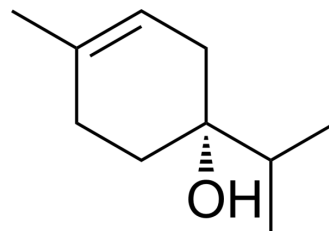
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(-)-Terpinen-4-ol

Cat. No.:	HY-N7927
CAS No.:	20126-76-5
Molecular Formula:	C ₁₀ H ₁₈ O
Molecular Weight:	154.25
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (648.30 mM)
DMSO : 100 mg/mL (648.30 mM; Need ultrasonic)
* "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.4830 mL	32.4149 mL	64.8298 mL
	5 mM		1.2966 mL	6.4830 mL	12.9660 mL
	10 mM		0.6483 mL	3.2415 mL	6.4830 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 (16.21 mM); Clear solution
2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (16.21 mM); Clear solution
3. Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (16.21 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

(-)-Terpinen-4-ol can be extracted from Bark Beetle *Polygraphus poligraphus*^[1].

REFERENCES

[1]. Schurig V, et al. Enantiomer composition and absolute configuration of terpinene-4-ol from the bark beetle *Polygraphus poligraphus*[J]. *Naturwissenschaften*, 1985,

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

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