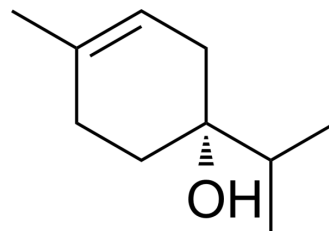


(-)-Terpinen-4-ol

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.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	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

- 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
- 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
- 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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