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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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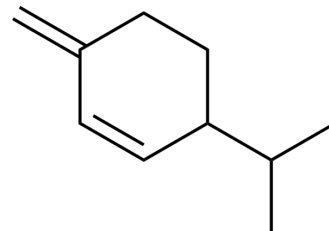
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β-Phellandrene

Cat. No.:	HY-N8573
CAS No.:	555-10-2
Molecular Formula:	C ₁₀ H ₁₆
Molecular Weight:	136.23
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (734.05 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass			
			1 mg	5 mg	10 mg	
			1 mM	7.3405 mL	36.7026 mL	73.4053 mL
			5 mM	1.4681 mL	7.3405 mL	14.6811 mL
10 mM	0.7341 mL	3.6703 mL	7.3405 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 (18.35 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (18.35 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (18.35 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	β-Phellandrene is obtained from <i>Carum petroselinum</i> . β-Phellandrene can be used to essential oil additives ^[1] .
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REFERENCES

[1]. Mariotti, J. P., et al. Composition and variability of the essential oil of *Stachys glutinosa* L. from Corsica (France).

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

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