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Produktinformation



Forschungsprodukte & Biochemikalien



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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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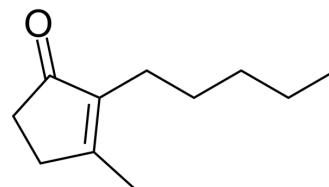
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Dihydrojasmone

Cat. No.:	HY-N7098		
CAS No.:	1128-08-1		
Molecular Formula:	C ₁₁ H ₁₈ O		
Molecular Weight:	166.26		
Target:	Others		
Pathway:	Others		
Storage:	Pure form	-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 (601.47 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.0147 mL	30.0734 mL	60.1468 mL
	5 mM	1.2029 mL	6.0147 mL	12.0294 mL
	10 mM	0.6015 mL	3.0073 mL	6.0147 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 (15.04 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: ≥ 2.5 mg/mL (15.04 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
Solubility: ≥ 2.5 mg/mL (15.04 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Dihydrojasmone, a constituent of bergamot oil, is an important perfume ingredient^[1].

REFERENCES

[1]. Nakashita Y, et al. Conversion of nitroheptane to dihydrojasmone. *Planta Med.* 1985 Aug;51(4):349-50.

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

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