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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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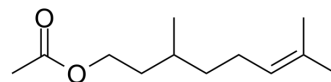
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Citronellyl acetate

Cat. No.:	HY-N7144A
CAS No.:	150-84-5
Molecular Formula:	C ₁₂ H ₂₂ O ₂
Molecular Weight:	198.3
Target:	Apoptosis
Pathway:	Apoptosis
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 (504.29 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM		5.0429 mL	25.2143 mL	50.4286 mL
		5 mM		1.0086 mL	5.0429 mL	10.0857 mL
		10 mM		0.5043 mL	2.5214 mL	5.0429 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 (12.61 mM); Clear solution					
	2. Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution					
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.61 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	Citronellyl acetate is a monoterpene product of the secondary metabolism of plants, with antinociceptive activity. Citronellyl acetate exhibits pro-apoptotic activity in human hepatoma cells. Citronellyl acetate shows fungicidal, larvicidal, bactericidal and repelling/insecticidal effects^[1].
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REFERENCES

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

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