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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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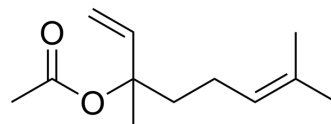
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Linalyl acetate

Cat. No.:	HY-N6948
CAS No.:	115-95-7
Molecular Formula:	C ₁₂ H ₂₀ O ₂
Molecular Weight:	196.29
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 (509.45 mM; Need ultrasonic)
 Ethanol : 12.5 mg/mL (63.68 mM; ultrasonic and warming and heat to 60°C)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.0945 mL	25.4725 mL	50.9450 mL
	5 mM		1.0189 mL	5.0945 mL	10.1890 mL
	10 mM		0.5095 mL	2.5473 mL	5.0945 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 (12.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
 Solubility: ≥ 2.5 mg/mL (12.74 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% corn oil
 Solubility: ≥ 2.5 mg/mL (12.74 mM); Clear solution

BIOLOGICAL ACTIVITY

Description

Linalyl acetate is the principal components of many plant essential oils with potentially anti-inflammatory activity^[1].

CUSTOMER VALIDATION

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- Cell Rep. 2024 Oct 3;43(10):114800.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. A.T. Peana, et al. Anti-inflammatory activity of linalool and linalyl acetate constituents of essential oils, Phytomedicine. 2002 Dec;9(8):721-6.

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

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