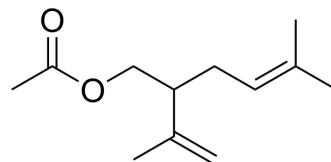


(±)-Lavandulyl acetate

Cat. No.:	HY-117419A
CAS No.:	25905-14-0
Molecular Formula:	C ₁₂ H ₂₀ O ₂
Molecular Weight:	196
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (510.20 mM; Need ultrasonic)				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	5.1020 mL	25.5102 mL	51.0204 mL
		5 mM	1.0204 mL	5.1020 mL	10.2041 mL
		10 mM	0.5102 mL	2.5510 mL	5.1020 mL
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	<ol style="list-style-type: none"> Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.5 mg/mL (12.76 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline) Solubility: ≥ 2.5 mg/mL (12.76 mM); Clear solution Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.76 mM); Clear solution 				

BIOLOGICAL ACTIVITY

Description	(±)-Lavandulyl acetate can be isolated from the oil components of <i>Lavandula angustifolia</i> Mill ^[1] .
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REFERENCES

[1]. Ali Reza Fakhari, et al. Hydrodistillation-headspace solvent microextraction, a new method for analysis of the essential oil components of *Lavandula angustifolia* Mill. *Journal of Chromatography A*. 2005, 1098, 1.

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

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