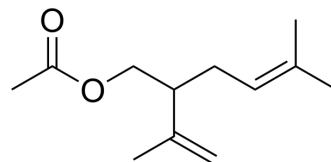


## (±)-Lavandulyl acetate

Cat. No.:	HY-117419A
CAS No.:	25905-14-0
Molecular Formula:	C <sub>12</sub> H <sub>20</sub> O <sub>2</sub>
Molecular Weight:	196.29
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



### SOLVENT & SOLUBILITY

In Vitro	DMSO : 100 mg/mL (509.45 mM; Need ultrasonic)				
		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	1. 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				
	2. 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				
	3. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (12.74 mM); Clear solution				

### BIOLOGICAL ACTIVITY

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

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

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