

## Bornyl acetate

## Chemical Properties

CAS No. : 76-49-3

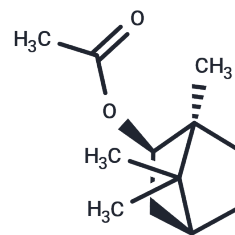
Formula: C<sub>12</sub>H<sub>20</sub>O<sub>2</sub>

Molecular Weight: 196.29

Keep away from direct sunlight, High Volatility

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Bornyl acetate (Isobornyl acetate) has an anti-inflammatory effect. It is the volatile ingredient in some Chinese traditional herbs and numerous conifer oils.
Targets(IC50)	Apoptosis, IL Receptor

## Solubility Information

Solubility	DMSO: 50 mg/mL (254.73 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0945 mL	25.4725 mL	50.945 mL
5 mM	1.0189 mL	5.0945 mL	10.189 mL
10 mM	0.5095 mL	2.5473 mL	5.0945 mL
50 mM	0.1019 mL	0.5095 mL	1.0189 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Yang H, et al. IUBMB Life. 2014 Dec;66(12):854-9.

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