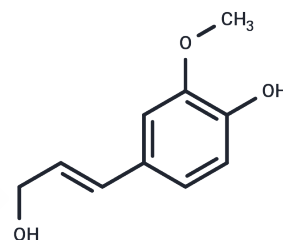


## Coniferyl alcohol

## Chemical Properties

CAS No. :	458-35-5
Formula:	C <sub>10</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight:	180.2
Appearance:	no data available
	store at low temperature
Storage:	Pure form: -20°C for 3 years   In solvent: -80°C for 1 year



## Biological Description

Description	Coniferyl alcohol (Coniferol) is a fungal growth inhibitor.
Targets(IC50)	Endogenous Metabolite,Antifungal

## Solubility Information

Solubility	H2O: 83.2 mM,Sonication is recommended. DMSO: 60 mg/mL (332.96 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	5.5494 mL	27.7469 mL	55.4939 mL
5 mM	1.1099 mL	5.5494 mL	11.0988 mL
10 mM	0.5549 mL	2.7747 mL	5.5494 mL
50 mM	0.111 mL	0.5549 mL	1.1099 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.

## Reference

König S, et al. Soluble phenylpropanoids are involved in the defense response of Arabidopsis against Verticillium longisporum[J]. New Phytologist, 2014, 202(3):823-837.

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