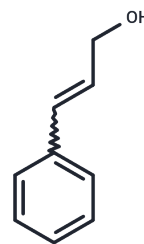


Cinnamyl alcohol

Chemical Properties

CAS No. :	104-54-1
Formula:	C ₉ H ₁₀ O
Molecular Weight:	134.18
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Cinnamyl alcohol (Styryl Carbinol) readily autoxidizes upon air exposure, and forms strong sensitizers as determined by the local lymph node assay.
Targets(IC50)	PPAR

Solubility Information

Solubility	H ₂ O: 1.8 mg/mL (13.41 mM), Sonication is recommended. DMSO: 55 mg/mL (409.9 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	7.4527 mL	37.2634 mL	74.5268 mL
5 mM	1.4905 mL	7.4527 mL	14.9054 mL
10 mM	0.7453 mL	3.7263 mL	7.4527 mL
50 mM	0.1491 mL	0.7453 mL	1.4905 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

Niklasson I B , Delaine T , Islam M N , et al. Cinnamyl alcohol oxidizes rapidly upon air exposure[J]. Contact Dermatitis, 2013, 68(3):129-138.

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