

## p-Coumaryl alcohol

## Chemical Properties

CAS No. : 3690-05-9

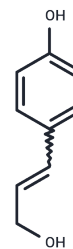
Formula: C<sub>9</sub>H<sub>10</sub>O<sub>2</sub>

Molecular Weight: 150.17

Storage: Keep away from moisture, Keep away from direct sunlight

Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

Description	p-Coumaryl alcohol (p-Hydroxycinnamyl alcohol) is a natural antioxidant, monolignol and endogenous metabolite with potential antioxidant and anti-inflammatory effects.
Targets(IC50)	Antioxidant

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6591 mL	33.2956 mL	66.5912 mL
5 mM	1.3318 mL	6.6591 mL	13.3182 mL
10 mM	0.6659 mL	3.3296 mL	6.6591 mL
50 mM	0.1332 mL	0.6659 mL	1.3318 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

Combinatorial optimization of synthetic operons for the microbial production of p-coumaryl alcohol with Escherichia coli. Microb Cell Fact. 2015 Jun 11;14:79.

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