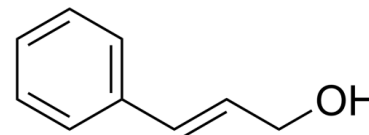


## Data Sheet

<b>Product Name:</b>	Cinnamyl Alcohol
<b>Cat. No.:</b>	CS-0008356
<b>CAS No.:</b>	104-54-1
<b>Molecular Formula:</b>	C <sub>9</sub> H <sub>10</sub> O
<b>Molecular Weight:</b>	134.18
<b>Target:</b>	PPAR
<b>Pathway:</b>	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
<b>Solubility:</b>	DMSO : 250 mg/mL (ultrasonic); H <sub>2</sub> O : 100 mg/mL (ultrasonic)



### BIOLOGICAL ACTIVITY:

Cinnamyl Alcohol is an active component from chestnut flower, inhibits increased **PPAR $\gamma$**  expression, with anti-obesity activity<sup>[1]</sup>.

### References:

[1]. Hwang DI, et al. Cinnamyl Alcohol, the Bioactive Component of Chestnut Flower Absolute, Inhibits Adipocyte Differentiation in 3T3-L1 Cells by Downregulating Adipogenic Transcription Factors. Am J Chin Med. 2017;45(4):833-846.

### CAIndexNames:

2-Propen-1-ol, 3-phenyl-

### SMILES:

OC/C=C/C1=CC=CC=C1

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

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