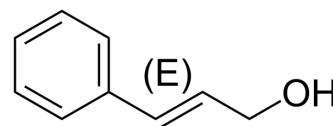


## trans-Cinnamyl alcohol

Cat. No.:	HY-N1867
CAS No.:	4407-36-7
Molecular Formula:	C <sub>9</sub> H <sub>10</sub> O
Molecular Weight:	134.18
Target:	PPAR
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

trans-Cinnamyl alcohol is a trans-isomer of Cinnamyl alcohol. Cinnamyl Alcohol is an active component from chestnut flower, inhibits increased PPAR $\gamma$  expression, with anti-obesity activity. trans-Cinnamyl alcohol, belongs to the class of organic compounds known as cinnamyl alcohols, is a primary metabolite<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.

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

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