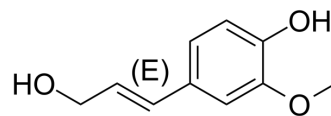


## (E)-Coniferyl alcohol

Cat. No.:	HY-N4283A
CAS No.:	32811-40-8
Molecular Formula:	C <sub>10</sub> H <sub>12</sub> O <sub>3</sub>
Molecular Weight:	180.2
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(E)-Coniferyl alcohol is the isomer of Coniferyl alcohol. Coniferyl alcohol is an intermediate in biosynthesis of eugenol and of stilbenoids and coumarin. Coniferyl alcohol specifically inhibits fungal growth <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### REFERENCES

- [1]. Keeling CI, et al. New components of the honey bee (*Apis mellifera* L.) queen retinue pheromone. *Proc Natl Acad Sci U S A*. 2003 Apr 15;100(8):4486-91.
- [2]. König S, et al. Soluble phenylpropanoids are involved in the defense response of *Arabidopsis* against *Verticillium longisporum*. *New Phytol*. 2014 May;202(3):823-37.

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

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