



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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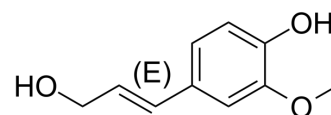
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(E)-Coniferyl alcohol

Cat. No.:	HY-N4283A
CAS No.:	32811-40-8
Molecular Formula:	C ₁₀ H ₁₂ O ₃
Molecular Weight:	180.2
Target:	Fungal
Pathway:	Anti-infection
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (693.67 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.5494 mL	27.7469 mL	55.4939 mL
	5 mM		1.1099 mL	5.5494 mL	11.0988 mL
	10 mM		0.5549 mL	2.7747 mL	5.5494 mL

Please refer to the solubility information to select the appropriate solvent.

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 ^{[1][2]} .
IC ₅₀ & 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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