



# 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

### SZABO-SCANDIC HandelsgmbH

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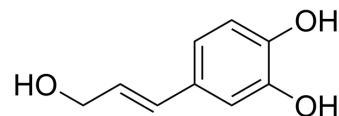
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## Caffeoyl alcohol

Cat. No.:	HY-N10373
CAS No.:	3598-26-3
Molecular Formula:	C <sub>9</sub> H <sub>10</sub> O <sub>3</sub>
Molecular Weight:	166.17
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Caffeoyl alcohol is a monomer constituting Catechyl lignin. Catechyl lignin is a linear homopolymer of caffeoyl alcohol, a natural source of carbon fiber and high-value chemicals<sup>[1][2]</sup>.

### REFERENCES

[1]. Guo D, et al. Monolignol biosynthesis in microsomal preparations from lignifying stems of alfalfa (*Medicago sativa* L.)[J]. *Phytochemistry*, 2002, 61(6): 657-667.

[2]. Wang X, et al. Substrate Specificity of LACCASE8 Facilitates Polymerization of Caffeoyl Alcohol for C-Lignin Biosynthesis in the Seed Coat of *Cleome hassleriana*. *Plant Cell*. 2020 Dec;32(12):3825-3845.

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

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