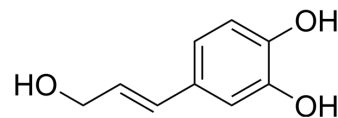


Caffeoyl alcohol

Cat. No.:	HY-N10373
CAS No.:	3598-26-3
Molecular Formula:	C ₉ H ₁₀ O ₃
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^{[1][2]}.

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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