



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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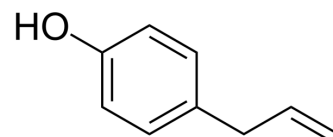
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Chavicol

Cat. No.:	HY-W159754
CAS No.:	501-92-8
Molecular Formula:	C ₉ H ₁₀ O
Molecular Weight:	134.18
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	4°C, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



BIOLOGICAL ACTIVITY

Description

Chavicol (p-Hydroxyallylbenzene, compound 6) can inhibit acetylcholinesterase (Cholinesterase (ChE)), with an IC₅₀ of 7.42 μM. Chavicol has anti-cancer activity and can suppress the growth, survival, migration, and invasion of cancer cells. Chavicol cytotoxic effect is significant, approximately 31 μg/mL in A-549 cells^{[1][2]}.

REFERENCES

[1]. Haixiao Lu, et al. Tzumin A and B, two new lignan derivatives from the barks of Sassafras tzumu. Nat Prod Res. 2017 Apr;31(7):829-834.

[2]. Chellasamy Panneerselvam, et al. Anticancer activity of bioactive compound chavicol as potential toxic against human lung cancer A549 cells. Journal of Drug Delivery Science and Technology. Volume 73, July 2022, 103442.

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

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