



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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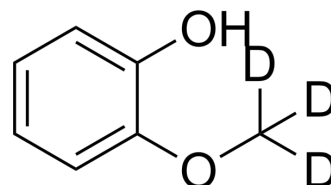
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Guaiacol-d₃

Cat. No.:	HY-N1380S1
CAS No.:	74495-69-5
Molecular Formula:	C ₇ H ₅ D ₃ O ₂
Molecular Weight:	127.16
Target:	COX; NF-κB; Isotope-Labeled Compounds
Pathway:	Immunology/Inflammation; NF-κB; Others
Storage:	Pure form -20°C 3 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description

Guaiacol-d₃ is the deuterium labeled Guaiacol. Guaiacol, a phenolic compound, inhibits LPS-stimulated COX-2 expression and NF-κB activation. Guaiacol has an anti-inflammatory activity[1].

REFERENCES

[1]. Murakami Y, et al. Re-evaluation of cyclooxygenase-2-inhibiting activity of vanillin and Guaiacol in macrophages stimulated with lipopolysaccharide. Anticancer Res. 2007 Mar-Apr;27(2):801-7.

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

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