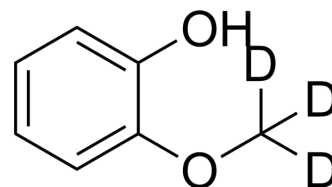


## Guaiacol-d<sub>3</sub>

Cat. No.:	HY-N1380S1	
CAS No.:	74495-69-5	
Molecular Formula:	C <sub>7</sub> H <sub>5</sub> D <sub>3</sub> O <sub>2</sub>	
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-d<sub>3</sub> 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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