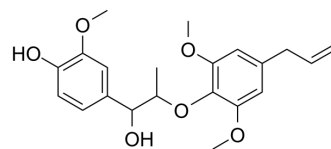


(Rac)-Myrislignan

Cat. No.:	HY-N0608A
CAS No.:	41535-95-9
Molecular Formula:	C ₂₁ H ₂₆ O ₆
Molecular Weight:	374.43
Target:	NF-κB
Pathway:	NF-κB
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (267.07 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	2.6707 mL	13.3536 mL	26.7073 mL	
5 mM	0.5341 mL	2.6707 mL	5.3415 mL	
10 mM	0.2671 mL	1.3354 mL	2.6707 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(Rac)-Myrislignan is the racemate of Myrislignan. Myrislignan, a lignan isolated from *Myristica fragrans* Houtt, possesses anti-inflammatory activities. Myrislignan attenuates LPS-induced inflammation reaction in murine macrophage cells through inhibition of NF-κB signalling pathway activation^[1].

REFERENCES

[1]. Jin H, et al. Myrislignan attenuates lipopolysaccharide-induced inflammation reaction in murine macrophage cells through inhibition of NF-κB signalling pathway activation. *Phytother Res.* 2012 Sep;26(9):1320-6.

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

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