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**Product Data Sheet**

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Product Name: (Rac)-Myrislignan

Cat. No.: GC39321

**Chemical Properties**

Cas. No. 41535-95-9

SMILES OC(C1=CC(OC)=C(O)C=C1)C(C)OC2=C(C=C(CC=C)C=C2OC)OCFormula C<sub>21</sub>H<sub>26</sub>O<sub>6</sub>

M.Wt 374.43

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

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

(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].

[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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