

Product Data Sheet

Product Name: (-)-Lyoniresinol

Cat. No.: GF54433

Chemical Properties

Cas. No. 31768-94-2

Formula C₂₂H₂₈O₈

M.Wt 420.5

Solubility

Storage 2-8°C, sealed storage, away from moisture, protect from light

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

Lyoniresinol is a lignan isolated from the *Tarenna attenuata* with antioxidant activities. Lyoniresinol has radical scavenging activities against DPPH with an IC₅₀ of 82.4 μM.

Lyoniresinol has radical scavenging activities against DPPH with an IC₅₀ of 82.4 μM^[1].

[1]. Xian-Wen Yang, et al. Tarennanosides A-H, eight new lignan glucosides from *Tarenna attenuata* and their protective effect on H₂O₂-induced impairment in PC12 cells. *Chem Biodivers.* 2009 Apr;6(4):540-50.

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

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