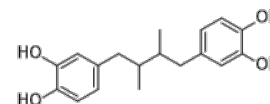


Product Name : Nordihydroguaiaretic acid
Cat. No. : PC-24005
CAS No. : 500-38-9
Molecular Formula : C₁₈H₂₂O₄
Molecular Weight : 302.37
Target : Lipoxygenase
Solubility : 10 mM in DMSO



Biological Activity

Nordihydroguaiaretic acid (NDGA) is a 5-lipoxygenase (5LOX) (IC₅₀=8 μM) and tyrosine kinase inhibitor, also suppresses NOD-like receptor family pyrin domain containing 3 (Nlrp3) inflammasome activation and subsequent hepatic pyroptosis, inhibit ferroptosis in nucleus pulposus cells (NPCs).

References

Zhang Y, et al. Int Immunopharmacol. 2024 Dec 25;143(Pt 3):113590.

Zhu S, et al. J Hepatol. 2025 Jan 22:S0168-8278(25)00014-5.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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