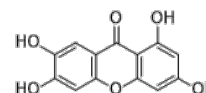


Product Name : Norathyriol
Cat. No. : PC-23907
CAS No. : 3542-72-1
Molecular Formula : C₁₃H₈O₆
Molecular Weight : 260.20
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Norathyriol (Mangiferitin) is a natural metabolite of Mangifera, inhibits α -glucosidase in a noncompetitive manner with IC₅₀ of 3.12 μ M, also inhibits inhibits PPAR α , PPAR β , and PPAR γ with IC₅₀ of 90-100 μ M, is also an effective inhibitor that targets the MEG pocket on the circPETH-147aa surface.

Norathyriol reverses circPETH-147aa-facilitated acquisition of metabolic and metastatic phenotypes by HCC cells, increases anti-PD1 efficacy, and enhances cytotoxic CD8⁺ T-cell function.

Norathyriol (1-25 μ M) inhibits growth by inducing cell cycle arrest in JB6 P⁺ cells. Norathyriol inhibits JB6 cell growth by inducing G₂-M arrest.

References

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Zhi-Long Shi, et al. Biochem Res Int. 2017;2017:1206015.

Ashley S Wilkinson, et al. J Agric Food Chem. 2008 May 14;56(9):3037-42.

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

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