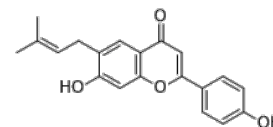


Product Name : Licoflavone A
Cat. No. : PC-25608
CAS No. : 61153-77-3
Molecular Formula : C₂₀H₁₈O₄
Molecular Weight : 322.36
Target : Protein Phosphatase/PTP
Solubility : 10 mM in DMSO



CAS: 61153-77-3

Biological Activity

Licoflavone A is a flavonoid isolated from the roots of *Glycyrrhiza uralensis*, inhibits protein tyrosine phosphatase-1B (PTP1B) with IC₅₀ of 54.5 μ M, also has anti-gastric cancer potency in vitro and in vivo, affects the proliferation, cycle, apoptosis, migration, invasion, and EMT by targeting VEGFR-2 and blocks the PI3K/AKT and MEK/ERK signaling pathways.

References

Li S, et al. Prenylflavonoids from *Glycyrrhiza uralensis* and their protein tyrosine phosphatase-1B inhibitory activities. *Bioorg Med Chem Lett*. 2010 Sep 15;20(18):5398-401.

Hongxia G, et al. *J Oncol*. 2022 Apr 25;2022:5497991.

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

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