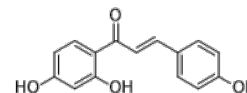


Product Name : Isoliquiritigenin
Cat. No. : PC-28397
CAS No. : 961-29-5
Molecular Formula : C₁₅H₁₂O₄
Molecular Weight : 256.26
Target : Aldose Reductase
Solubility : 10 mM in DMSO



Biological Activity

Isoliquiritigenin is a natural flavonoid that exhibits anti-inflammatory, anti-tumor and antioxidant activities, inhibits aldose reductase with an IC₅₀ of 320 nM, is also a potent inhibitor of influenza virus replication with EC₅₀ of 24.7 μM, also targets METTL3 with anti-leukemic effect.

References

- Chen X, et al. J Mol Med (Berl). 2012 Nov;90(11):1311-9.
Aida K, et al. Planta Med. 1990 Jun;56(3):254-8.
Jiao CQ, et al. Cell Death Dis. 2025 Apr 1;16(1):233.
Traboulsi H, et al. Antimicrob Agents Chemother. 2015 Oct;59(10):6317-27.

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

E-mail: tech@probechem.com