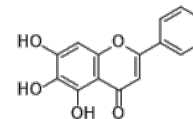


Product Name : Baicalein
Cat. No. : PC-24501
CAS No. : 491-67-8
Molecular Formula : C₁₅H₁₀O₅
Molecular Weight : 270.24
Target : Xanthine Oxidase (XAO)
Solubility : 10 mM in DMSO



Biological Activity

Baicalein (5,6,7-Trihydroxyflavone) is a xanthine oxidase (XO, xanthine oxidoreductase) inhibitor with IC₅₀ of 3.12 μM, also is a noncovalent, nonpeptidomimetic inhibitor of SARS-CoV-2 3CLpro with potent antiviral activities, prevents cancer progression by inducing apoptosis, autophagy and genome instability.

References

Shieh DE, et al. Anticancer Res. 2000 Sep-Oct;20(5A):2861-5.

Song J, et al. Biochem Pharmacol. 2021 Jan;183:114302.

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

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