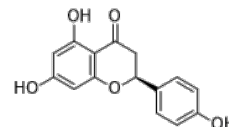


Product Name : Naringenin
Cat. No. : PC-28178
CAS No. : 480-41-1
Molecular Formula : C₁₅H₁₂O₅
Molecular Weight : 272.26
Target : Other Targets
Solubility : 10 mM in DMSO



Biological Activity

Naringenin is a flavanone in Citrus reticulata Blanco within anti-inflammatory and antioxidant activities, monocarboxylate transporter 1 (**MCT1**) in Caco-2 cells with K_i of 15-20 μM, also inhibits **DENV RNA-dependent RNA polymerase** (RdRp), is also a potent inhibitor of **MARK4** with IC₅₀ of 4.11 μM.

References

- Shim CK, et al. *J Pharm Pharmacol*. 2007 Nov;59(11):1515-9.
Fatriansyah JF, et al. *J Trop Med*. 2022 Mar 20;2022:7254990.
Anwar S, et al. *J Cell Biochem*. 2021 Oct;122(10):1445-1459.

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

E-mail: tech@probechem.com