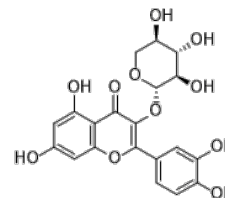


Product Name : Reynoutrin
Cat. No. : PC-25344
CAS No. : 549-32-6
Molecular Formula : C₂₀H₁₈O₁₁
Molecular Weight : 434.35
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

Reynoutrin (Quercetin-3-D-xyloside) is a flavonoid from *Psidium cattleianum*, with antioxidant and radical-scavenging activity, a potent inhibitor of Fyn, inhibits both the expression and phosphorylation of Fyn. Reynoutrin activates the downstream Sirt1/Foxo3a and Nrf2 antioxidant signaling pathways by inhibiting Fyn, thereby enhancing the activity of antioxidant enzymes and alleviating diabetic renal injury.

References

R Ho, et al. Nat Prod Res. 2012;26(3):274-7. doi: 10.1080/14786419.2011.585610.

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

E-mail: tech@probechem.com