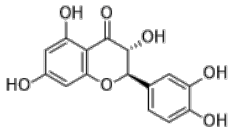
ProbeChem®
Expedite Your Scientific Research

WWW.PROBECHEM.COM

Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	Taxifolin
Cat. No.	:	PC-28620
CAS No.	:	480-18-2
Molecular Formula	:	$C_{15}H_{12}O_7$
Molecular Weight	:	304.25
Target	:	Toll-like Receptor (TLR)
Solubility	:	10 mM in DMSO



Biological Activity

Taxifolin is a flavonoid natural compound with inhibitory activity against inflammation, malignancies, microbial infection, oxidative stress, cardiovascular disease, and liver disease, showsanti-tyrosinase activitt, exhibits significant inhibitory activity against collagenase, attenuates doxorubicin-induced heart, liver, and kidney toxicity in mice via targeting TLR4.

References

Jiang M, et al. Eur J Pharmacol. 2026 Jul 15;1030:179136.

Kundrapu DB, et al. Chem Biol Drug Des. 2024 Aug;104(2):e14600.

Haque MW, et al. Biomed Pharmacother. 2018 Sep;105:27-36.

Dorta DJ, et al. Phytother Res. 2008 Sep;22(9):1213-8.

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

E-mail: tech@probechem.com