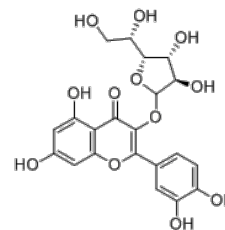


Product Name : Isoquercetin
Cat. No. : PC-62114
CAS No. : 482-35-9
Molecular Formula : C₂₁H₂₀O₁₂
Molecular Weight : 464.379
Target : NF-κB
Solubility : 10 mM in DMSO



Biological Activity

Isoquercetin is a flavonoid and 3-O-glucoside of quercetin that displays selective cytotoxicity to cancer cells, primarily by inducing apoptosis and cell cycle arrest, regulates the expression of nitric oxide synthase 2 (NO₂) via modulating the nuclear factor-κB (**NF-κB**) transcription regulation system.

References

Huang XL, et al. *Oncotarget*. 2017 Sep 16;8(60):101545-101559.

Chen F, et al. *Oncol Rep*. 2016 Jul;36(1):165-72.

Zhu M, et al. *Molecules*. 2016 Mar 21;21(3):356.

Wu P, et al. *Food Funct*. 2017 Oct 18;8(10):3707-3722.

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

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