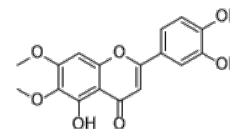


Product Name : Cirsiolol
Cat. No. : PC-27992
CAS No. : 34334-69-5
Molecular Formula : C₁₇H₁₄O₇
Molecular Weight : 330.29
Target : Lipoxygenase
Solubility : 10 mM in DMSO



Biological Activity

Cirsiolol is a selective **5-lipoxygenase (5-LO)** inhibitor with IC₅₀ of 0.1 μM for 5-LO purified from rat basophilic leukemia cells, also binds and inhibits **TYK2**, inhibits ESCC growth in vitro and in vivo, also induces autophagy and mitochondrial apoptosis in osteosarcoma.

References

- Kohn SW, et al. *Adv Prostaglandin Thromboxane Leukot Res*. 1985;15:217-9.
Yoshimoto T, et al. *Biochem Biophys Res Commun*. 1983 Oct 31;116(2):612-8.
Horie T, et al. *J Med Chem*. 1986 Nov;29(11):2256-62.

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

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