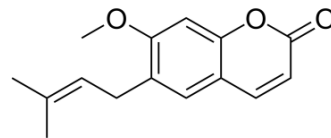


Suberosin

Cat. No.:	HY-N1196
CAS No.:	581-31-7
Molecular Formula:	C ₁₅ H ₁₆ O ₃
Molecular Weight:	244.29
Target:	NF-κB
Pathway:	NF-κB
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Suberosin, isolated from *Plumbago zeylanica*, exhibits anti-inflammatory and anticoagulant activity. Suberosin suppresses PHA-induced PBMC proliferation and arrested cell cycle progression from the G1 transition to the S phase through the modulation of the transcription factors NF-AT and NF-κB^{[1][2]}.

REFERENCES

[1]. Y-C Chen, et al. Suberosin inhibits proliferation of human peripheral blood mononuclear cells through the modulation of the transcription factors NF-AT and NF-κB. *British Journal of Pharmacology* (2007) 150, 298-312.

[2]. Golfakhrabadi F, et al. Anticoagulant activity of isolated coumarins (suberosin and suberenol) and toxicity evaluation of *Ferulago carduchorum* in rats. *Pharm Biol.* 2014 Oct;52(10):1335-40.

Caution: Product has not been fully validated for medical applications. For research use only.

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