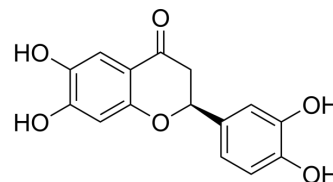


Plathymenin

Cat. No.:	HY-N9115
CAS No.:	492-12-6
Molecular Formula:	C ₁₅ H ₁₂ O ₆
Molecular Weight:	288.25
Target:	Lipoxygenase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description
Plathymenin is a flavonoid that can be isolated from Nepalese propolis. Plathymenin is a potent inhibitor of 5-LOX ^{[1][2]} .

REFERENCES

- [1]. Funakoshi-Tago M, et al. Anti-inflammatory activity of flavonoids in Nepalese propolis is attributed to inhibition of the IL-33 signaling pathway. *Int Immunopharmacol.* 2015 Mar;25(1):189-98.
- [2]. Jiang S, et al. Combined Autodock and comparative molecular field analysis study on predicting 5-lipoxygenase inhibitory activity of flavonoids isolated from *Spatholobus suberectus* Dunn. *Z Naturforsch C J Biosci.* 2015;70(3-4):103-13.

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

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