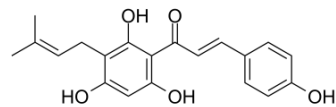


Desmethylxanthohumol

Cat. No.:	HY-122966
CAS No.:	115063-39-3
Molecular Formula:	C ₂₀ H ₂₀ O ₅
Molecular Weight:	340.37
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description

Desmethylxanthohumol is a prenylated hydroxychalcone isolated from hop cones (*Humulus lupulus* L.). Desmethylxanthohumol is a powerful **apoptosis** inducing agent. Desmethylxanthohumol has antiplasmodial, antiproliferative, and antioxidant bioactivities^{[1][2]}.

REFERENCES

- [1]. Yuou Teng, et al. Synthesis and Antioxidant Evaluation of Desmethylxanthohumol Analogs and Their Dimers. *Eur J Med Chem.* 2017 Jan 5;125:335-345.
- [2]. Reinhard A.Diller, et al. 71-Desmethylxanthohumol from Hops, Chemistry and Biological Effects. *Beer in Health and Disease Prevention*, 2009, Pages 703-709.

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

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