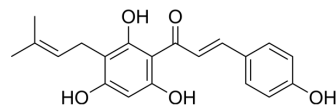


## Desmethylxanthohumol

Cat. No.:	HY-122966		
CAS No.:	115063-39-3		
Molecular Formula:	C <sub>20</sub> H <sub>20</sub> O <sub>5</sub>		
Molecular Weight:	340.37		
Target:	Apoptosis		
Pathway:	Apoptosis		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### 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<sup>[1][2]</sup>.

### CUSTOMER VALIDATION

- Phytother Res. 2023 Mar 7.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### 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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