## Cupressuflavone

Cat. No.:	HY-N9173	
CAS No.:	3952-18-9	
Molecular Formula:	C <sub>30</sub> H <sub>18</sub> O <sub>10</sub>	
Molecular Weight:	538.46	
Target:	Others	
Pathway:	Others	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIV		
Description	Cupressuflavone is a natural product that can be found in Cupressus macrocarpa. Cupressuflavone exhibits anti- inflammatory and antiulcerogenic activities. Cupressuflavone also show protective effects against CCl <sub>4</sub> -induced hepato- and nephrotoxicity in mice <sup>[1][2][3]</sup> .	
In Vitro	Cupressuflavone (40-160 mg/kg; p.o. once daily for 5 days) exerts a beneficial effect against oxidative stress by enhancing the antioxidant defense status, reducing lipid peroxidation, and protecting against the pathological changes induced by CCI 4 in the liver and kidney tissues <sup>[1]</sup> . Cupressuflavone (40-160 mg/kg; p.o.) inhibits paw edema by 55, 60, and 64% at the three doses of 40, 100, and 160 mg/kg, respectively in the carrageenan-induced paw edema model of inflammation <sup>[2]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

## REFERENCES

[1]. Al-Sayed E, et, al. Protective role of Cupressuflavone from Cupressus macrocarpa against carbon tetrachloride-induced hepato- and nephrotoxicity in mice. Planta Med. 2014 Dec;80(18):1665-71.

[2]. Al-Sayed E, et, al. Anti-inflammatory and analgesic activities of cupressuflavone from Cupressus macrocarpa: Impact on pro-inflammatory mediators. Drug Dev Res. 2018 Feb;79(1):22-28.

[3]. Koriem KMM, et, al. Protective effect of Cupressus sempervirens extract against indomethacin-induced gastric ulcer in rats. Interdiscip Toxicol. 2015 Mar;8(1):25-34.

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

Tel: 609-228-6898

898 Fax: 609-228-5909

9 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA

**Product** Data Sheet

