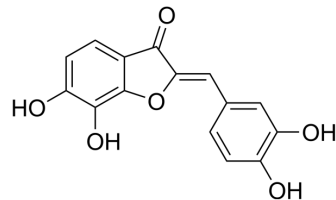


Maritimein

Cat. No.:	HY-N10742
CAS No.:	576-02-3
Molecular Formula:	C ₁₅ H ₁₀ O ₆
Molecular Weight:	286.24
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Maritimein is an aurone that can be isolated from *Coreopsis tinctoria*. Maritimein shows strong diphenyl(2,4,6-trinitrophenyl)iminoazanium (DPPH) radical-scavenging activity with an IC₅₀ value of 4.12 μM. Maritimein can be used for the research of cardiovascular disease^[1].

REFERENCES

[1]. Wang W, et al. New phenolic compounds from *Coreopsis tinctoria* Nutt. and their antioxidant and angiotensin i-converting enzyme inhibitory activities. *J Agric Food Chem.* 2015 Jan 14;63(1):200-7.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

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