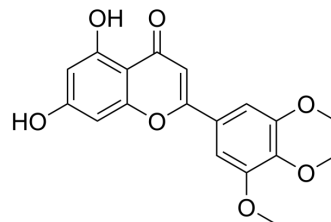


Tricetin 3',4',5'-trimethyl ether

Cat. No.:	HY-N7150
CAS No.:	18103-42-9
Molecular Formula:	C ₁₈ H ₁₆ O ₇
Molecular Weight:	344.32
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tricetin 3',4',5'-trimethyl ether (5,7-Dihydroxy-3',4',5'-trimethoxyflavone) is a flavone glucoside, that can be isolated the flowers of *Chrysanthemum sinense*. Tricetin 3',4',5'-trimethyl ether displays xanthine oxidase competitive-type inhibitory activity, with an IC₅₀ of 0.51 μM and a K_i of 0.37 μM^[1].

REFERENCES

[1]. Nguyen MT, Awale S, Tezuka Y, Ueda JY, Tran QI, Kadota S. Xanthine oxidase inhibitors from the flowers of *Chrysanthemum sinense*. *Planta Med.* 2006 Jan;72(1):46-51.

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