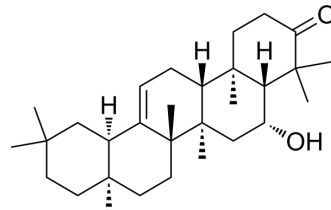


Daturaolone

Cat. No.:	HY-122953
CAS No.:	41498-80-0
Molecular Formula:	C ₃₀ H ₄₈ O ₂
Molecular Weight:	440.7
Target:	COX
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Daturaolone is a natural triterpenoid with anti-inflammatory and antinociceptive potentials. Daturaolone displays a COX-1 inhibitory activity ^[1] .
IC₅₀ & Target	COX-1
In Vivo	Daturaolone shows in vivo a significant and dose dependent (1-30 mg/kg) anti-inflammatory activity on carrageenan-induced mouse paw oedema (ED ₅₀ = 10.1 mg/kg) and on acetic acid-induced writhing responses in mice (ED ₅₀ = 13.8 mg/kg) [1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Rauf A, et al. Biological Evaluation and Docking Analysis of Daturaolone as Potential Cyclooxygenase Inhibitor. Evid Based Complement Alternat Med. 2016;2016:4098686.

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