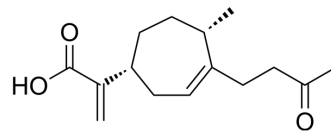


4-Oxobedfordiaic acid

Cat. No.:	HY-N2643
CAS No.:	68799-38-2
Molecular Formula:	C ₁₅ H ₂₂ O ₃
Molecular Weight:	250.33
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	4-Oxobedfordiaic acid is an orally active natural product, that can be isolated from <i>Xanthium cavanillesii</i> . 4-Oxobedfordiaic acid shows anti-ulcerogenic activity ^[1] .
In Vivo	4-Oxobedfordiaic acid (100 mg/kg, orally, single) shows gastroprotective effect on EtOH-induced lesions in rats, with a ulcer index of 1.33 ± 0.16 and an inhibition of 74% ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Favier LS, et al. Anti-ulcerogenic activity of xanthanolide sesquiterpenes from *Xanthium cavanillesii* in rats. *J Ethnopharmacol.* 2005 Sep 14;100(3):260-7.

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