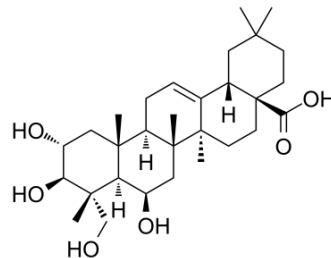


Terminolic acid

Cat. No.:	HY-N7652
CAS No.:	564-13-6
Molecular Formula:	C ₃₀ H ₄₈ O ₆
Molecular Weight:	504.7
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Terminolic acid is a pentacyclic triterpenoid glucoside isolated from *Combretum racemosum*. Terminolic acid can inhibit the pro-inflammatory cytokines by binding to receptor active site of IL-1 β and IL-6, and enhance anti-inflammatory cytokines by binding to IL-4 receptor binding sites. Terminolic acid also exhibits moderate antibacterial activity^{[1][1]}.

REFERENCES

[1]. Gossan DPA, et, al. Antibacterial and cytotoxic triterpenoids from the roots of *Combretum racemosum*. *Fitoterapia*. 2016 Apr;110:89-95.

[2]. Legiawati L, et, al. In silico study of *Centella asiatica* active compounds as anti-inflammatory agent by decreasing IL-1 and IL-6 activity, promoting IL-4 activity. *J. Pharm. Sci. & Res.* Vol. 10(9), 2018, 2142-2147.

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