



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

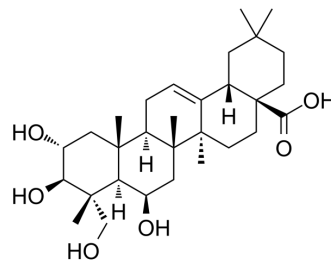
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

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:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (198.14 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.9814 mL	9.9069 mL	19.8138 mL
5 mM	0.3963 mL	1.9814 mL	3.9628 mL
10 mM	0.1981 mL	0.9907 mL	1.9814 mL

Please refer to the solubility information to select the appropriate solvent.

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