



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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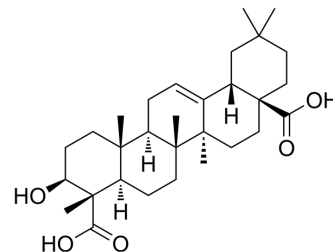
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Gypsogenic acid

Cat. No.:	HY-W587957
CAS No.:	5143-05-5
Molecular Formula:	C ₃₀ H ₄₆ O ₅
Molecular Weight:	486.68
Target:	Bacterial; Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Gypsogenic acid is a triterpenoid acid that can be isolated from *Miconia stenostachya* and has antibacterial and trypanoidal activities. The MICs values of Gypsogenic acid for the oral bacterial pathogens *Enterococcus faecalis*, *Streptococcus salivarius*, *Streptococcus haematococcus*, *Streptococcus mutans* and *sobrinus* were 50-200 µg/mL. Gypsogenic acid can induce blood cortensite cleavage in isolated mice with IC₅₀ 56.6 µM^{[1][2]}.

REFERENCES

- [1]. Scalon Cunha LC, et al. Antibacterial activity of triterpene acids and semi-synthetic derivatives against oral pathogens. *Z Naturforsch C J Biosci.* 2007 Sep-Oct;62(9-10):668-72.
- [2]. Cunha WR, et al. In vitro trypanocidal activity of triterpenes from *miconia* species. *Planta Med.* 2003 May;69(5):470-2.

Caution: Product has not been fully validated for medical applications. For research use only.

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