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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

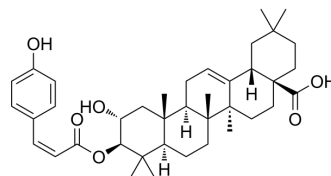
mail@szabo-scandic.com

www.szabo-scandic.com

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

3-O-cis-p-Coumaroyl maslinic acid

Cat. No.:	HY-N7165
CAS No.:	69297-40-1
Molecular Formula:	C ₃₉ H ₅₄ O ₆
Molecular Weight:	618.84
Target:	Phosphatase; Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	3-O-cis-p-Coumaroyl maslinic acid (compound 16) is a natural compound isolated from the ethyl acetate extract of leaves of <i>Miconia albicans</i> . 3-O-cis-p-Coumaroyl maslinic acid can inhibit PTP1B, with the IC ₅₀ of 0.46 μM, and shows antimicrobial activity on Gram-positive bacteria and yeasts ^{[1][2]} .
IC₅₀ & Target	0.46 μM (PTP1B) ^[1]

REFERENCES

[1]. de Cássia Lemos Lima R, et al. High-Resolution PTP1B Inhibition Profiling Combined with HPLC-HRMS-SPE-NMR for Identification of PTP1B Inhibitors from *Miconia albicans*. *Molecules*. 2018;23(7):1755.

[2]. Braca A, et al. Antimicrobial triterpenoids from *Licania heteromorpha*. *Planta Med*. 2000;66(8):768-769.

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