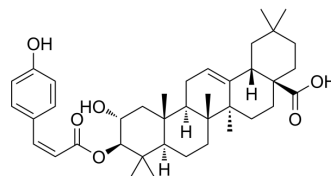


## 3-O-cis-p-Coumaroyl maslinic acid

Cat. No.:	HY-N7165
CAS No.:	69297-40-1
Molecular Formula:	C <sub>39</sub> H <sub>54</sub> O <sub>6</sub>
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 <sub>50</sub> of 0.46 μM, and shows antimicrobial activity on Gram-positive bacteria and yeasts <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	0.46 μM (PTP1B) <sup>[1]</sup>

### 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.**

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