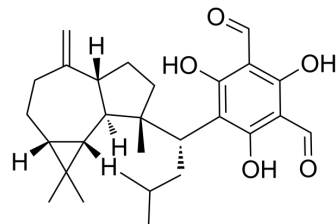


Macrocarpal C

Cat. No.:	HY-N3344
CAS No.:	142628-53-3
Molecular Formula:	C ₂₈ H ₃₈ O ₅
Molecular Weight:	454.6
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Macrocarpal C can be isolated from the 95 % ethanol extract of fresh leaves of *E. globulus*. Macrocarpal C inhibits the growth of *T. mentagrophytes* via an increase in the permeability of the fungal membrane. Macrocarpal C increases the production of intracellular ROS and induces apoptosis as a consequence of DNA fragmentation^[1].

REFERENCES

[1]. Jack Ho Wong, et al. Antifungal mode of action of macrocarpal C extracted from *Eucalyptus globulus* Labill (Lan An) towards the dermatophyte *Trichophyton mentagrophytes*. *Chin Med*. 2015, 10, 34.

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

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