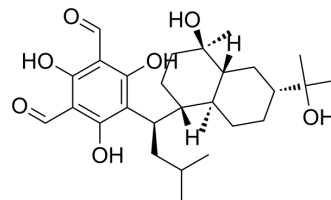


## Macrocarpal I

Cat. No.:	HY-N3340
CAS No.:	179388-54-6
Molecular Formula:	C <sub>28</sub> H <sub>42</sub> O <sub>7</sub>
Molecular Weight:	490.63
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Macrocarpal I is a phloroglucinol coupled sesquiterpenoid with antifungal activity. Macrocarpal I against *C. glabrata* with an IC<sub>50</sub> value of 0.75 µg/mL. Macrocarpal I can be isolated from the juvenile leaves of *E. maideni*<sup>[1]</sup>.

### REFERENCES

[1]. Tian L W, et al. Eucalmaidials A and B, phloroglucinol-coupled sesquiterpenoids from the juvenile leaves of *Eucalyptus maideni*[J]. RSC Advances, 2014, 4(41): 21373-21378.

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

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