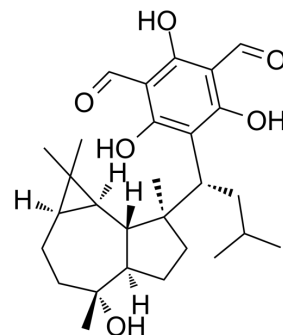


Macrocarpal A

Cat. No.:	HY-N3346
CAS No.:	132951-90-7
Molecular Formula:	C ₂₈ H ₄₀ O ₆
Molecular Weight:	472.61
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Macrocarpal A (10-epi-Eucarobustol F) is an antibacterial agent, which can be isolated from the leaves of *Eucalyptus macrocarpa*. Macrocarpal A inhibits the growth of *Bacillus subtilis* PCI219 (minimum inhibitory concentration below 0.2 μM) and *Staphylococcus aureus* FDA209P (minimum inhibitory concentration is 0.4 μM)^[1].

REFERENCES

[1]. Murata M, et al. Macrocarpal A, a novel antibacterial compound from *Eucalyptus macrocarpa*[J]. *Agricultural and biological chemistry*, 1990, 54(12): 3221-3226.

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

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