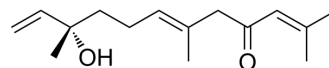


9-Oxonerolidol

Cat. No.:	HY-N2805
CAS No.:	58865-88-6
Molecular Formula:	C ₁₅ H ₂₄ O ₂
Molecular Weight:	236.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

9-Oxonerolidol is a farnesane-type sesquiterpenoid with anti-pathogens activity. 9-Oxonerolidol can be isolated from *Chiliadenus lopadusanus*. 9-Oxonerolidol acts as a post-infectious inhibitor from plants, and inhibits Gram+ and Gram- bacteria resistant to the antibiotic^{[1][2]}.

REFERENCES

[1]. Mazzeo G, et al. The Assignment of the Absolute Configuration of Non-Cyclic Sesquiterpenes by Vibrational and Electronic Circular Dichroism: The Example of *Chiliadenus lopadusanus* Metabolites. *Biomolecules*. 2021 Dec 18;11(12):1902.

[2]. Wang S, et al. Chemical constituents from *Valeriana officinalis* L. var. *latifolia* Miq. and their chemotaxonomic significance[J]. *Biochemical systematics and ecology*, 2020, 90: 104041.

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

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