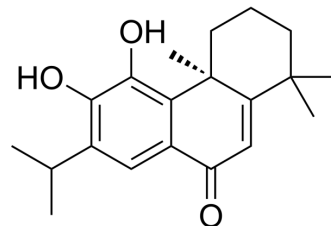


Salvinolone

Cat. No.:	HY-N10765
CAS No.:	120278-22-0
Molecular Formula:	C ₂₀ H ₂₆ O ₃
Molecular Weight:	314.42
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Salvinolone is active against methicillin-resistant *Staphylococcus aureus* (MRSA) and vancomycin-resistant *Enterococcus* (VRE). Salvinolone shows cytotoxic activity with an IC₅₀ of 47.6 μM against the HL-60 tumor cell line for 72 h^{[1][2]}.

REFERENCES

[1]. Mingfeng Xu, et al. Bioactive diterpenes from *Clerodendrum kaichianum*. *Nat Prod Commun.* 2011 Jan;6(1):3-5.

[2]. Enrique Alvarez-Manzaneda, et al. First synthesis of picealactone C. A new route toward taxodione-related terpenoids from abietic acid. *Tetrahedron Letters*, Volume 48, Issue 6, 5 February 2007, Pages 989-992.

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

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