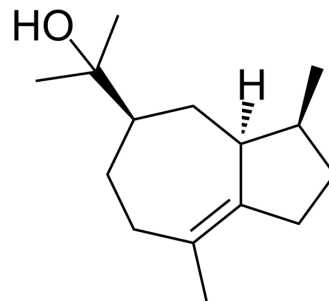


Bulnesol

Cat. No.:	HY-N10014
CAS No.:	22451-73-6
Molecular Formula:	C ₁₅ H ₂₆ O
Molecular Weight:	222.37
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Bulnesol is a sesquiterpenoid that can be isolated from <i>Salvia dorystaechas</i> . Bulnesol inhibits the activity of <i>Fusarium moniliforme</i> with an EC ₅₀ value of 0.6 mg/mL. Bulnesol can be used for the research of fungal infection ^[1] .
In Vitro	Bulnesol (0.5 mg/mL; 48 h) inhibits 35.2%, 20.8% and 41.2% activity of <i>F. solani</i> , <i>F. oxysporum</i> and <i>F. moniliforme</i> , respectively ^[1] . Bulnesol (0.1 mg/mL; 48 h) inhibits 7% and 15% activity of <i>F. solani</i> and <i>F. moniliforme</i> , respectively ^[1] . Bulnesol inhibits activity of <i>F. moniliforme</i> with an EC ₅₀ value of 0.6 mg/mL ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. J.M. Rodilla, et al. Advances in the identification and agrochemical importance of sesquiterpenoids from *Bulnesia sarmientoi* essential oil. *Industrial Crops and Products*. Volume 33, Issue 2, March 2011, 497-503.

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

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