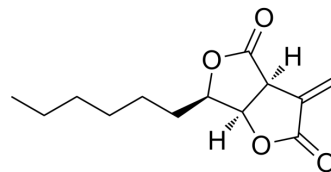


Sporothriolide

Cat. No.:	HY-N8499
CAS No.:	154799-92-5
Molecular Formula:	C ₁₃ H ₁₈ O ₄
Molecular Weight:	238.28
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sporothriolide is a metabolite produced by *Nodulisporium* sp. A21. Sporothriolide has potent antifungal activity against *R. solani* and *S. sclerotiorum*, with EC₅₀ values of 11.6 μM and 10.7 μM, respectively. Sporothriolide inhibits conidium germination of *Magnaporthe oryzae* in vitro and in vivo^[1].

REFERENCES

[1]. Cao LL, et al. Anti-phytopathogenic activity of sporothriolide, a metabolite from endophyte *Nodulisporium* sp. A21 in *Ginkgo biloba*. *Pestic Biochem Physiol.* 2016 May;129:7-13.

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

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