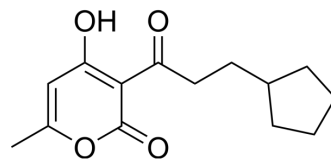


Antifungal agent 92

Cat. No.:	HY-163337
CAS No.:	3020687-94-6
Molecular Formula:	C ₁₄ H ₁₈ O ₄
Molecular Weight:	250.29
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antifungal agent 92 (Compound 21) is a potent antifungal agent with an EC₅₀ of 4.4 μM against *Sclerotinia sclerotiorum*. Antifungal agent 92 can induce abnormal mitochondrial morphology, loss of mitochondrial membrane potential, and reactive oxygen species (ROS) accumulation in *Sclerotinia sclerotiorum*. Antifungal agent 92 is a moderate promiscuous inhibitor of mitochondrial complexes II and III^[1].

REFERENCES

[1]. Wang D, et al. Chelation of the Optimal Antifungal Pogostone Analogue with Copper(II) to Explore the Dual Antifungal and Antibacterial Agent. *J Agric Food Chem*. 2024 Feb 28;72(8):3894-3903.

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

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