



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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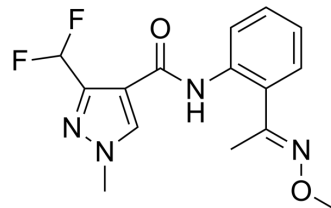
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Antifungal agent 99

Cat. No.:	HY-162500
Molecular Formula:	C ₁₅ H ₁₆ F ₂ N ₄ O ₂
Molecular Weight:	322.31
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Antifungal agent 99 (Compound E1) is a fungal succinate dehydrogenase (SDH) inhibitor. Antifungal agent 99 reduces mycelial density and significantly increase the mitochondrial number in mycelia cytoplasm ^[1] .
In Vitro	Antifungal agent 99 (50 µg/mL) inhibits <i>R. solani</i> , <i>B. cinerea</i> , <i>F. graminearum</i> , <i>A. solani</i> by 87.9%, 34.3%, 9.4%, 67.9% respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chai JQ, et al. Design, Synthesis, Antifungal Activity, and Action Mechanism of Pyrazole-4-carboxamide Derivatives Containing Oxime Ether Active Fragment As Succinate Dehydrogenase Inhibitors. *J Agric Food Chem*. 2024 May 8.

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

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