



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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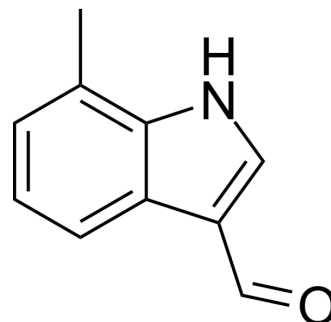
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Antifungal agent 98

Cat. No.: HY-W007980
CAS No.: 4771-50-0
Molecular Formula: C₁₀H₉NO
Molecular Weight: 159.18
Target: Fungal
Pathway: Anti-infection
Storage: 4°C, stored under nitrogen
 * In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (628.22 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		6.2822 mL	31.4110 mL	62.8220 mL
	5 mM		1.2564 mL	6.2822 mL	12.5644 mL
	10 mM		0.6282 mL	3.1411 mL	6.2822 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Antifungal agent 98 (compound 2) is an antifungal agent. Antifungal agent 98 (100 µg/mL) shows insecticidal activity against *Bipolaris sorokinianum*, *Fusarium oxysporium* f. sp. *vasinfectum*, *Pyricularia oryzae*, *Alternaria Brassicae* and *Alternaria alternata* with a death rate of 41.5%, 40.0%, 23.4, 36.8%, and 35.0%^[1].

REFERENCES

[1]. Xu H, et al. Antifungal agents. Part 3: synthesis and antifungal activities of 3-acylindole analogs against phytopathogenic fungi in vitro. Chem Biol Drug Des. 2011;78(5):864-868.

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

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