



# 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

### SZABO-SCANDIC HandelsgmbH

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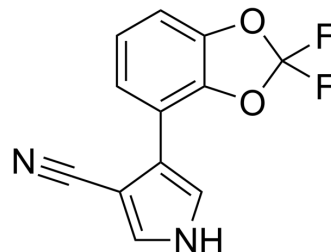
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## Fludioxonil

<b>Cat. No.:</b>	HY-W021040		
<b>CAS No.:</b>	131341-86-1		
<b>Molecular Formula:</b>	C <sub>12</sub> H <sub>6</sub> F <sub>2</sub> N <sub>2</sub> O <sub>2</sub>		
<b>Molecular Weight:</b>	248.19		
<b>Target:</b>	Fungal		
<b>Pathway:</b>	Anti-infection		
<b>Storage:</b>	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 200 mg/mL (805.83 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.0292 mL	20.1459 mL	40.2917 mL
	5 mM	0.8058 mL	4.0292 mL	8.0583 mL
	10 mM	0.4029 mL	2.0146 mL	4.0292 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Fludioxonil, a phenylpyrrole fungicide, has a strong inhibition on mycelia growth of *S. sclerotiorum*<sup>[1]</sup>.

### REFERENCES

[1]. Yabing Duan, et al. effect of phenylpyrrole fungicide fludioxonil on morphological and physiological characteristics of *Sclerotinia sclerotiorum*. Pesticide Biochemistry and Physiology Volume 106, Issues 1-2, May-June 2013, Pages 61-67.

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

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