



# 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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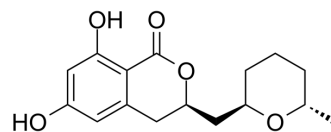
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## Cladosporin

Cat. No.:	HY-136767
CAS No.:	35818-31-6
Molecular Formula:	C <sub>16</sub> H <sub>20</sub> O <sub>5</sub>
Molecular Weight:	292.33
Target:	Fungal; Antibiotic
Pathway:	Anti-infection
Storage:	-20°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 (342.08 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.4208 mL	17.1040 mL	34.2079 mL
	5 mM	0.6842 mL	3.4208 mL	6.8416 mL
	10 mM	0.3421 mL	1.7104 mL	3.4208 mL

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

### BIOLOGICAL ACTIVITY

#### Description

Cladosporin is a fungal metabolite produced in good yield in the mycelium of *Cladosporium cladosporioides*. Cladosporin completely inhibits growth of several dermatophytes on agar medium at a concentration of 75 µg/mL<sup>[1]</sup>.

### REFERENCES

[1]. P M Scott, et al. Cladosporin, a new antifungal metabolite from *Cladosporium cladosporioides*. *J Antibiot (Tokyo)*. 1971 Nov;24(11):747-55.

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

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