



# 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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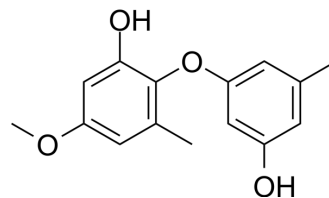
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## Cyperin

Cat. No.:	HY-N7374
CAS No.:	33716-82-4
Molecular Formula:	C <sub>15</sub> H <sub>16</sub> O <sub>4</sub>
Molecular Weight:	260.29
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Cyperine is a phytotoxic fungal metabolite that has been found in *A. cypericola*. It inhibits *A. thaliana* enoyl-acyl carrier protein reductase (ENR; IC<sub>50</sub>=89 μM). Cyperine induces necrosis in a panel of nine plant species in a leaf bioassay and inhibits root growth in *A. thaliana* seedlings (IC<sub>50</sub>=38.4 μM).

### REFERENCES

[1]. Stierle, et al. Cyperine, a phytotoxin produced by *Ascochyta cypericola*, a fungal pathogen of *Cyperus rotundus*. *Phytochemistry* 30(7), 2191-2192 (1991).

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

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