



# 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

### SZABO-SCANDIC HandelsgmbH

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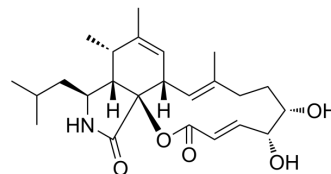
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## Aspochalasin I

Cat. No.:	HY-126618
CAS No.:	670225-69-1
Molecular Formula:	C <sub>24</sub> H <sub>35</sub> NO <sub>5</sub>
Molecular Weight:	417.54
Target:	Tyrosinase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Aspochalasin I exhibits cytotoxicity against cancer cells NCIH460, MCF-7 and SF-268, with IC<sub>50</sub>s of 22.1, 33.4 and 19.9 μM. Aspochalasin I inhibits melanogenesis (IC<sub>50</sub> of 22.4 μM) through inhibition of tyrosinase, and can thus be used as whitening agent<sup>[1][2]</sup>.

### REFERENCES

- [1]. Choo SJ, et al., Aspochalasin I, a melanogenesis inhibitor from *Aspergillus* sp. *J Microbiol Biotechnol.* 2009 Apr;19(4):368-71
- [2]. Zhou GX, et al., Aspochalasin I, J, and K: three new cytotoxic cytochalasins of *Aspergillus flavipes* from the rhizosphere of *Ericameria laricifolia* of the Sonoran Desert. *J Nat Prod.* 2004 Mar;67(3):328-32.

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

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