



SZABO SCANDIC

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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

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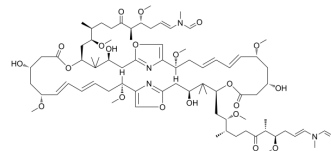
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Rhizopodin

Cat. No.:	HY-120883
CAS No.:	150346-23-9
Molecular Formula:	C ₇₈ H ₁₂₄ N ₄ O ₂₂
Molecular Weight:	1469.83
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Rhizopodin is a new cytostatic compound isolated from the culture fluid of the slime mold *Myxococcus stipitatus*. Rhizopodin inhibits the growth of various animal cell cultures without killing the cells, with an ID₅₀ value of 12 to 30 ng/ml, depending on the cell line. In particular, fibroblast-like cells show typical morphological changes, with cells becoming larger and forming long branched reticular extensions within hours, and these morphological changes are irreversible. Rhizopodin inhibits bleb formation in K-562 cells, possibly through interaction with protein phosphorylation.

REFERENCES

[1]. HIZOPODIN, A NEW COMPOUND FROM *Myxococcus stipitatus* (MYXOBACTERIA) CAUSES FORMATION OF RHIZOPODIA-LIKE STRUCTURES IN ANIMAL CELL CULTURES

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

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