



# 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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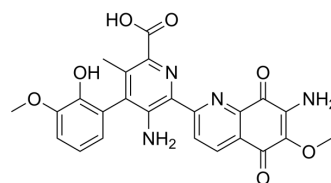
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## 10'-Desmethoxystreptonigrin

Cat. No.:	HY-137139
CAS No.:	136803-89-9
Molecular Formula:	C <sub>24</sub> H <sub>20</sub> N <sub>4</sub> O <sub>7</sub>
Molecular Weight:	476.44
Target:	Antibiotic; Bacterial; Farnesyl Transferase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	10'-Desmethoxystreptonigrin is an inhibitor for Ras Farnesyltransferase with an IC <sub>50</sub> of 21 μM. 10'-Desmethoxystreptonigrin is a broad-spectrum antibiotic with antibacterial activity. 10'-Desmethoxystreptonigrin exhibits antitumor activity against P388 leukemia, without significant cytotoxicity (LD <sub>50</sub> is 8.8 mg/kg) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 21 μM (Ras Farnesyltransferase)

### REFERENCES

[1]. Liu WC, et al. 10'-Desmethoxystreptonigrin, a novel analog of streptonigrin. J Antibiot (Tokyo). 1992 Apr;45(4):454-7.

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

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