



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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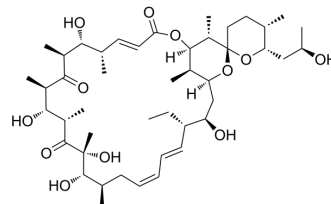
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## 21-Hydroxyoligomycin A

Cat. No.:	HY-112541
CAS No.:	102042-09-1
Molecular Formula:	C <sub>45</sub> H <sub>74</sub> O <sub>12</sub>
Molecular Weight:	807.06
Target:	Antibiotic; Ras
Pathway:	Anti-infection; GPCR/G Protein; MAPK/ERK Pathway
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	21-Hydroxyoligomycin A is a potent inhibitor of K-Ras PM localization with an IC <sub>50</sub> value of 4.82 nM. 21-Hydroxyoligomycin A has cytotoxicity and can be isolated from <i>Streptomyces</i> <sup>[1]</sup> .
In Vitro	21-Hydroxyoligomycin A is cytotoxic to SW620 and SW620 Ad300 cells with IC <sub>50</sub> values of 14.4 and 11.8 μM, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Salim AA, et al. Oligomycins as inhibitors of K-Ras plasma membrane localisation. *Org Biomol Chem*. 2016 Jan 14;14(2):711-715.

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

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