



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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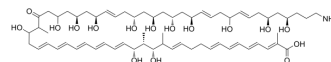
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Linearmycin A

Cat. No.:	HY-N11756
CAS No.:	163596-98-3
Molecular Formula:	C ₆₄ H ₁₀₁ NO ₁₆
Molecular Weight:	1140.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Linearmycin A is a polyene antibiotic that has been found in *Streptomyces*. It is active against the bacteria *S. aureus* and *E. coli* (MICs=3.1 and 1.6 µg/disc, respectively), the fungi *S. cerevisiae* and *C. albicans* (MICs=0.1 and 1.6 µg/disc, respectively), and the plant pathogenic fungus *A. niger* in disc assays (MIC=0.2 µg/disc). Linearmycin A induces lysis and degradation of *B. subtilis* as a component of *Streptomyces* Mg1 extract.

REFERENCES

[1]. Sakuda, et al. Novel linear polyene antibiotics: Linearmycins. *J. Chem. Soc. Perkin 1* 18, 2315-2319 (1996).

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

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