



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

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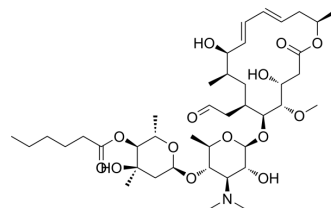
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Leucomycin A13

Cat. No.:	HY-N8295
CAS No.:	78897-52-6
Molecular Formula:	C ₄₁ H ₆₉ NO ₁₄
Molecular Weight:	799.98
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Leucomycin A13 is a macrolide antibiotic and a component of the leucomycin complex originally isolated from *S. kitasatoensis*. It is active against *B. subtilis*, *S. aureus*, *M. luteus*, and *E. coli* with MIC values of 0.16, 0.16, 0.08 and >10 µg/mL, respectively. It binds to ribosomes with an IC₅₀ value of 1.2 µM in a radioligand binding assay.

REFERENCES

[1]. Tanaka, et al. Quantitative structure-activity relationships of O-acyl derivatives of leucomycin for antimicrobial and ribosome-binding activities. *Chem. Pharm. Bull. (Tokyo)* 33(7), 2803-2808 (1985).

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

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