



# 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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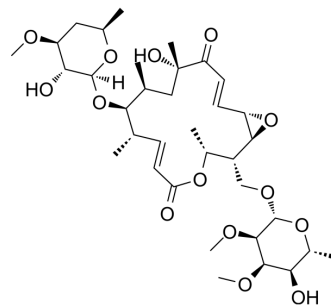
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## Chalcomycin

Cat. No.:	HY-121182
CAS No.:	20283-48-1
Molecular Formula:	C <sub>35</sub> H <sub>56</sub> O <sub>14</sub>
Molecular Weight:	700.81
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Chalcomycin is a macrolide antibiotic, which exhibits antimicrobial activities against gram-positive *Staphylococcus aureus* and *Streptococcus pyogenes*. Chalcomycin protects mice from infection with a variety of staphylococci and streptococci, without significant toxicity (LD<sub>50</sub> >2500 mg/kg)<sup>[1]</sup>.

### REFERENCES

[1]. Jordan D C. et al., Antibiotics: Volume I Mechanism of Action. Berlin, Heidelberg: Springer Berlin Heidelberg, 1967: 446-450.

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

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