



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

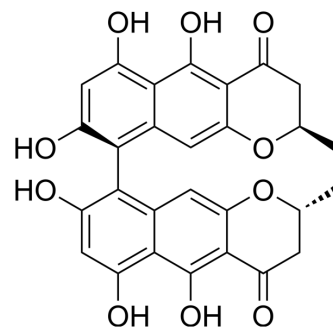
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Cephalochromin

Cat. No.:	HY-124199
CAS No.:	25908-26-3
Molecular Formula:	C ₂₈ H ₂₂ O ₁₀
Molecular Weight:	518.47
Target:	Antibiotic; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cephalochromin is an antibiotic and an inhibitor for bacterial fatty acid synthase (FabI). Cephalochromin inhibits FabI of *Staphylococcus aureus* and *Escherichia coli* with IC₅₀ of 1.9 and 1.8 μM. Cephalochromin inhibits gram-positive methicillin-resistant *S. aureus* (MRSA) and quinolone-resistant *S. aureus* (QRSA), with MIC of 2-8 μg/mL^[1].

REFERENCES

[1]. Zheng CJ, et al., Cephalochromin, a FabI-directed antibacterial of microbial origin. *Biochem Biophys Res Commun.* 2007 Nov 3;362(4):1107-12.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA