



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

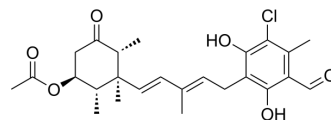
mail@szabo-scandic.com

www.szabo-scandic.com

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

Illicolin F

Cat. No.:	HY-N8301
CAS No.:	22738-98-3
Molecular Formula:	C ₂₅ H ₃₁ ClO ₆
Molecular Weight:	462.96
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Illicolin F is a fungal metabolite that has been found in *Fusarium* and has diverse biological activities. It inhibits *T. vivax* alternative oxidase and the *E. coli* ubiquinol oxidase cytochrome bo (IC₅₀s=0.43 and 0.37 μM, respectively) but not the *E. coli* ubiquinol oxidase cytochrome bd (IC₅₀=85 μM).² Illicolin F is active against the fungi *A. fumigatus* and *C. albicans* (MICs=1.66-3.33 and 6.66-13.33 μg/mL, respectively). It is cytotoxic to HeLa cells with an EC₅₀ value of 0.003 μg/mL.

REFERENCES

[1]. Ellestad, et al. Some new terpenoid metabolites from an unidentified *Fusarium* species. *Tetrahedron* 25(6), 1323-1334 (1969).

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