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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

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

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

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

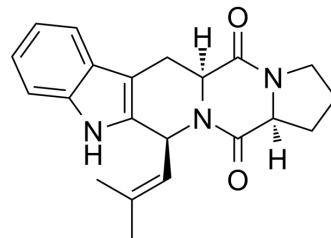
mail@szabo-scandic.com

www.szabo-scandic.com

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

Demethoxyfumitremorgin C

Cat. No.:	HY-N7569
CAS No.:	111768-16-2
Molecular Formula:	C ₂₁ H ₂₃ N ₃ O ₂
Molecular Weight:	349.43
Target:	Apoptosis; Caspase; PPAR
Pathway:	Apoptosis; Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Demethoxyfumitremorgin C is a secondary metabolite of the marine fungus, *Aspergillus fumigatus*. Demethoxyfumitremorgin C induces prostate cancer cell apoptosis. Demethoxyfumitremorgin C activates caspase-3, -8, and -9, leading to PARP/ cleavage^[1].

REFERENCES

[1]. Kim YS, et al. Apoptotic effect of demethoxyfumitremorgin C from marine fungus *Aspergillus fumigatus* on PC3 human prostate cancer cells. *Chem Biol Interact.* 2017 May 1;269:18-24.

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