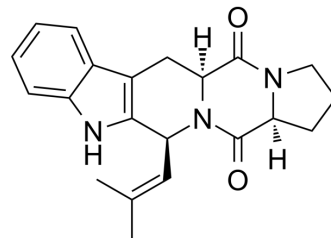


Demethoxyfumitremorgin C

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.

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