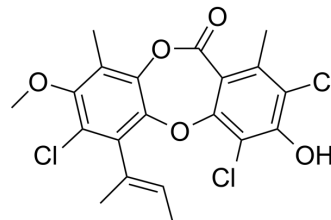


Nidulin

Cat. No.:	HY-135422
CAS No.:	10089-10-8
Molecular Formula:	C ₂₀ H ₁₇ Cl ₃ O ₅
Molecular Weight:	443.7
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Nidulin (Methylustin) is a depsidone isolated from a marine fungus *Aspergillus unguis*. Nidulin shows antifungal and antibacterial against pathogenetic strains, *Pseudomonas aeruginosa*, Methicillin-resistant *Staphylococcus aureus* and *Candida albicans* with inhibition zones of 9.5 mm, 9.0 mm and 9.0 mm, respectively. Nidulin exhibits potent larvicidal activity against brine shrimp^[1].

REFERENCES

[1]. Yang WC, et al. Depsidone Derivatives and a Cyclopeptide Produced by Marine Fungus *Aspergillus unguis* under Chemical Induction and by Its Plasma Induced Mutant. *Molecules*. 2018 Sep 3;23(9):2245.

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

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