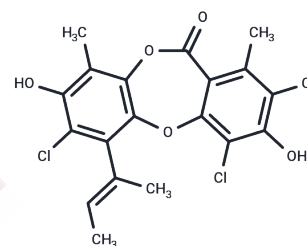


Nornidulin

Chemical Properties

CAS No. :	33403-37-1
Formula:	C ₁₉ H ₁₅ Cl ₃ O ₅
Molecular Weight:	429.67
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Nornidulin is a depsidone originally isolated from [<i>A. nidulans</i>] with antibacterial activity against [<i>M. tuberculosis</i>] and [<i>M. ranoe</i>], and antifungal activity against [<i>T. tonsurans</i>] and [<i>M. audouini</i>]. It inhibits the growth of methicillin-resistant [<i>S. aureus</i>] (MRSA; MIC = 2 µg/ml) and has larvicidal activity toward <i>Artemia</i> (LC ₅₀ = 1.7 µg/ml). Nornidulin exhibits cytotoxic activity in MOLT-3 cells (IC ₅₀ = 35.7 µM) but not in HuCCA-1, HepG2, or A549 cells (IC ₅₀ s = >116.4 µM).
Targets(IC50)	Others, Antibacterial

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3274 mL	11.6368 mL	23.2737 mL
5 mM	0.4655 mL	2.3274 mL	4.6547 mL
10 mM	0.2327 mL	1.1637 mL	2.3274 mL
50 mM	0.0465 mL	0.2327 mL	0.4655 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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