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DATASHEET

Meleagrins

Product overview

Name	Meleagrins
Cat No	HB3974
Purity	>90%
Description	Mycotoxin. Alkaloid antibiotic.

Biological Data

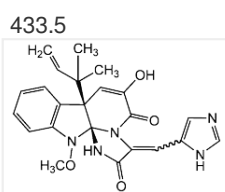
Biological description	Mycotoxin. Alkaloid antibiotic. Bacterial enoyl-acyl carrier protein reductase (FabI) inhibitor. Antineoplastic activity. Moderate cytotoxicity against A-549 and HL-60 cell lines. Induces cell cycle arrest through G2/M phase, presumably by inhibiting tubulin polymerization. Antifouling agent against the barnacle Balanus amphitrite.
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Solubility & Handling

Storage instructions	+4 °C
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Molecular Weight
Chemical structure



CAS Number	71751-77-4
PubChem identifier	0
SMILES	<chem>CON1c2ccccc2C3(C=C(O)C(=O)N4C(=C\c5[nH]cnc5)/C(=O)NC134)C(C)(C)C=C</chem>
InChIKey	JTJJJLSLKZFEPJ-ZAYCRUKZSA-N
Appearance	Colorless to white adhered film