

Hello Bio, Inc.  
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500  
F. 609-228-4994

customercare-usa@hellobio.com



## DATASHEET

Meleagrín

### Product overview

<b>Name</b>	Meleagrín
<b>Cat No</b>	HB3974
<b>Purity</b>	>90%
<b>Description</b>	Mycotoxin. Alkaloid antibiotic.

### Biological Data

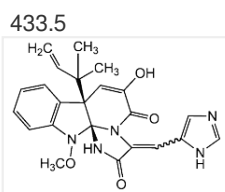
<b>Biological description</b>	Mycotoxin. Alkaloid antibiotic. Bacterial enoyl-acyl carrier protein reductase (FabI) inhibitor. Antineoplastic activity. Moderate cytotoxicity against A-549 and HL-60 cell lines. Induces cell cycle arrest through G2/M phase, presumably by inhibiting tubulin polymerization.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

<b>Storage instructions</b>	+4 °C
<b>Important</b>	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**



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