

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

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

customercare-usa@hellobio.com



# DATASHEET

Pseurotin A

## Product overview

<b>Name</b>	Pseurotin A
<b>Cat No</b>	HB4038
<b>Purity</b>	>98%
<b>Description</b>	Antibiotic. Chitin synthase inhibitor.

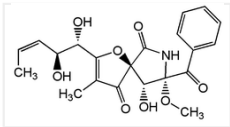
## Biological Data

<b>Biological description</b>	Antibiotic. Chitin synthase inhibitor. Cytotoxic. Shows nematicidal activity.
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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

<b>Chemical name</b>	(5S,8S,9R)-8-Benzoyl-2-((1S,2S,Z)-1,2-dihydroxyhex-3-en-1-yl)-9-hydroxy-8-methoxy-3-methyl-1-oxa-7-azaspiro[3.5]non-2-ene-4,6-dione
<b>Molecular Weight</b>	431.4
<b>Chemical structure</b>	
<b>CAS Number</b>	58523-30-1
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>CC/C=C/C(O)C(O)C1=C(C)C(=O)C2(O1)C(O)C(NC2=O)(OC)C(=O)c3cccc3</chem>
<b>InChiKey</b>	FCGCMRDADMTJIM-LFDIKFNASA-N
<b>Appearance</b>	White to off-white powder