

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

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

customercare-usa@hellobio.com



## DATASHEET

Sclerotiorin

### Product overview

<b>Name</b>	Sclerotiorin
<b>Cat No</b>	HB4080
<b>Purity</b>	>97%
<b>Description</b>	Potent aldose reductase inhibitor

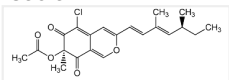
### Biological Data

<b>Biological description</b>	Antibiotic. Antibacterial. Potent aldose reductase inhibitor. Weak antagonist of human endothelin receptor A (ETA) and B (ETB). Cholesteryl ester transfer protein (CETP) activity inhibitor. Grb2-Shc binding inhibitor. Potent reversible, non-competitive soybean lipoxygenase-1 (LOX-1) inhibitor. Antioxidant. Free radical scavenger. Antifungal.
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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>Molecular Weight</b>	390.9
<b>Chemical structure</b>	
<b>CAS Number</b>	549-23-5
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>CC[C@H](C)/C=C(C)/C=C/C1=CC2=C(Cl)C(=O)[C@](C)(OC(C)=O)C(=O)C2=CO1</chem>
<b>InChiKey</b>	SWJLTKXURNHVHE-UPWXJBBJSA-N
<b>Appearance</b>	Yellow solid