

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

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

customercare-usa@m2stage.hellobio.com



## DATASHEET

Altenusin

### Product overview

<b>Name</b>	Altenusin
<b>Cat No</b>	HB3755
<b>Biological action</b>	Inhibitor
<b>Purity</b>	>97%
<b>Description</b>	Non-competitive, specific neutral sphingomyelinase (N-SMase) inhibitor.

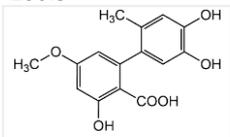
### Biological Data

<b>Biological description</b>	Antibiotic. Antifungal penicillide. Non-competitive, specific neutral sphingomyelinase (N-SMase) inhibitor. Strong pp60c-Src inhibitor. Inhibits cFMS receptor tyrosine kinase (CSF-1/m-CSF receptor tyrosine kinase) which is implicated in cancer and bone diseases. Myosin light chain kinase inhibitor. Exhibits anti-HIV-1 integrase activity. Cytotoxic activity against mouse lymphoma cells. Anti-protozoan, trypanothione reductase (TR) inhibitor. Phytotoxin.
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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>	290.3
<b>Chemical structure</b>	
<b>CAS Number</b>	31186-12-6
<b>PubChem identifier</b>	0
<b>SMILES</b>	<chem>COc1ccc(C(=O)OO)c(c1)c2cc(O)c(O)cc2C</chem>
<b>InChiKey</b>	ADPBTBPPIIKLEH-UHFFFAOYSA-N
<b>Appearance</b>	Yellow solid