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DATASHEET

Altenusin

Product overview

Name	Altenusin
Cat No	HB3755
Purity	>97%
Description	Non-competitive, specific neutral sphingomyelinase (N-SMase) inhibitor.

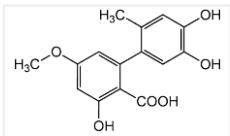
Biological Data

Biological description	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

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	290.3
Chemical structure	
CAS Number	31186-12-6
PubChem identifier	0
SMILES	<chem>COc1ccc(C(=O)OO)c(c1)c2cc(O)c(O)cc2C</chem>
InChiKey	ADPBTBPPIIKLEH-UHFFFAOYSA-N
Appearance	Yellow solid