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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.

Solubility & Handling

Storage instructions

+4°

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 Chemical structure 290.3 H₃C OH OH OH

CAS Number

31186-12-6 0

PubChem identifier SMILES

COc1ccc(C(=O)OO)c(c1)c2cc(O)c(O)cc2C ADPBTBPPIIKLEH-UHFFFAOYSA-N

InChiKey Appearance

Yellow solid