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DATASHEET

Concanamycin B

Product overview

Name	Concanamycin B
Cat No	HB3850
Purity	>98%
Description	Specific vacuolar-type H ⁺ -ATPase inhibitor

Biological Data

Biological description	Antibiotic. Exhibits similar activity as concanamycin A and concanamycin C. Specific vacuolar-type H ⁺ -ATPase inhibitor. Suppresses bone resorption. Inhibits proliferation of mouse splenic lymphocytes. Antifungal and larvicidal.
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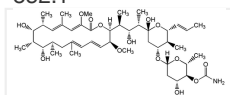
Solubility & Handling

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
Chemical structure

852.1



Molecular Formula
CAS Number
PubChem identifier
SMILES

C₄₅H₇₃NO₁₄
81552-33-2

0
CO[C@H]1\C=C\C=C(/C)C[C@@H](C)[C@H](O)[C@H](C)[C@H](O)[C@H](C)\C=C(C)\C=C(/OC)C(=O)O[C@@H]1[C@@H](C)[C@@H](O)[C@H](C)[C@@]2(O)C[C@@H](O[C@H]3C[C@@H](O)[C@H](OC(N)=O)[C@@H](C)O3)[C@H](C)[C@H](O2)/C=C/C
AQXXGIBOZQSAT-UZYXLCJWSA-N

InChiKey
Appearance

White to off-white solid