

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

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

customercare-usa@m2stage.hellobio.com



DATASHEET

Concanamycin B

Product overview

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

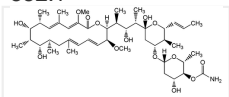
Biological Data

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	852.1
Chemical structure	
Molecular Formula	C ₄₅ H ₇₃ NO ₁₄
CAS Number	81552-33-2
PubChem identifier	0
SMILES	<chem>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</chem>
InChiKey	AQXXGIBOZQZSAT-UZYXLCJWSA-N
Appearance	White to off-white solid