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DATASHEET

Bafilomycin C1

Product overview

Name	Bafilomycin C1
Cat No	HB3792
Purity	>98%
Description	Specific vacuolar-type H ⁺ -ATPase inhibitor

Biological Data

Biological description	Antibiotic. Specific vacuolar-type H ⁺ -ATPase inhibitor. Antibacterial, antifungal, insecticidal and antihelmintic. Potential anti-osteoporotic agent in treating bone lytic diseases. Neuroprotection inducer.
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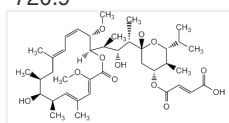
Solubility & Handling

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

Chemical name	2-Demethyl-2-methoxy-24-methyl-hygrolidin
Molecular Weight	720.9

Chemical structure



CAS Number	88979-61-7
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=C(C)\C=C(/OC)C(=O)OC1[C@@H](C)[C@@H](O)[C@H](C)[C@@]2(O)C[C@@H](OC(=O)\C=C(C)O)O)[C@H](C)[C@H](O2)C(C)C</chem>
InChiKey	WUDBXVQNMOTFEE-WSNZTHDZSA-N
Appearance	Yellow powder