

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

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

customercare-usa@hellobio.com



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. |
|-------------------------------|---|

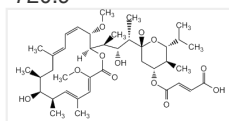
Solubility & Handling

| | |
|-----------------------------|---|
| 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 |