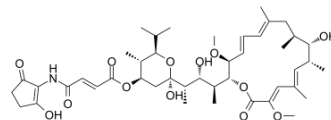


## Bafilomycin B1

Cat. No.:	HY-N6738
CAS No.:	88899-56-3
Molecular Formula:	C <sub>44</sub> H <sub>65</sub> NO <sub>13</sub>
Molecular Weight:	815.99
Target:	Bacterial; Fungal; Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Bafilomycin B1 is a macrolide antibiotic isolated from *Streptomyces* sp, inhibits Gram-positive bacteria and fungi, and acts as an inhibitor of K<sup>+</sup>-dependent ATPase of *E. coli*<sup>[1]</sup>.

### REFERENCES

[1]. Bowman EJ, et al. Bafilomycins: a class of inhibitors of membrane ATPases from microorganisms, animal cells, and plant cells. Proc Natl Acad Sci U S A. 1988 Nov;85(21):7972-6.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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