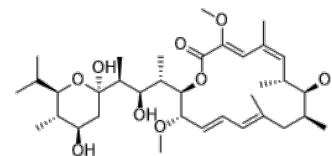


Product Name : Bafilomycin A1
Cat. No. : PC-22177
CAS No. : 88899-55-2
Molecular Formula : C₃₅H₅₈O₉
Molecular Weight : 622.84
Target : Proton Pump
Solubility : 10 mM in DMSO



Biological Activity

Bafilomycin A1 (BafA1) is a specific and reversible inhibitor of vacuolar H⁺-ATPase (V-ATPase) with IC₅₀ of 4-400 nM, also is an autophagy inhibitor, blocks autophagosome-lysosome fusion and inhibits acidification and protein degradation in lysosomes.

References

Bowman EJ, et al. Proc Natl Acad Sci U S A. 1988;85(21):7972-7976.

Mauvezin C, et al. Autophagy. 2015;11(8):1437-1438.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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