

Bafilomycin A1

Cat. No. CEI-0697

Lot. No. (See product label)

Introduction

Description A highly potent and selective inhibitor of vacuolar H⁺-ATPases (V-ATPases) in vitro. It is effective in nanomolar concentrations in animal cells, plant cells and microorganisms; also selective over other ATP hydrolyzing enzymes such as F-ATPases, Ca²⁺-ATPases, Na⁺K⁺-ATPases and plasma membrane H⁺-ATPases. Also prevents autophagy at a late stage by inhibiting fusion between autophagosomes and lysosomes.

Product Information

Appearance White solid

CAS No. 88899-55-2

Molecular Formula C₃₅H₅₈O₉

Molecular Weight 149.15

Purity >98%

Targets ATP6V0A4

Solubility DMSO (50 mM)

Storage and Shipping Information

Storage -20 centigrade

Shipping Conditions Gel pack