Creative Enzymes®

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, Ca^{2+}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	$C_{35}H_{58}O_9$
Molecular Weight	149.15
Purity	>98%
Targets	ATP6V0A4
Solubility	DMSO (50 mM)

Storage and Shipping Information

Storage	-20 centigrade
Shipping Conditions	Gel pack