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## Product Datasheet

### **Bafilomycin A1, CAS [[88899-55-2]] BYT-ORB1300510**

Article Name	Bafilomycin A1, CAS [[88899-55-2]]
Biozol Catalog Number	BYT-ORB1300510
Supplier Catalog Number	orb1300510
Alternative Catalog Number	BYT-ORB1300510-160, BYT-ORB1300510-500, BYT-ORB1300510-1, BYT-ORB1300510-5, BYT-ORB1300510-10
Manufacturer	Biorbyt
Category	Biochemikalien
Product Description	Bafilomycin A1 is a specific and reversible macrolide antibiotic that potently inhibits V-ATPase (IC50=0.44 nM). It blocks autophagosome-lysosome fusion, arresting late-stage autophagy, and can induce apoptosis, making it a valuable tool for studying...
Molecular Weight	622.83
Purity	99.36% (May vary between batches)
CAS Number	[88899-55-2]
Formula	C35H58O9
Target	Apoptosis, Autophagy, Antibacterial, Antibiotic, Proton pump
Application Notes	Solubility: DMSO:99 mg/mL (158.95 mM), 5% DMSO+40% PEG300+5% Tween 80+50% Saline:0.3 mg/mL (0.48 mM), H2O:< 0.1 mg/mL (insoluble)