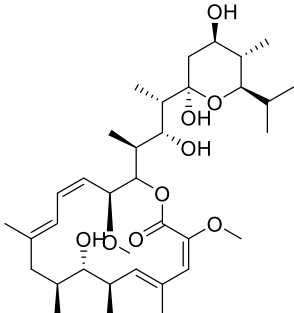


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
329893	Bafilomycin A1	C9M02C22

Chemical name	
(3E,5E,7R,8S,9S,11E,13Z,15S)-16-((2S,3R,4S)-4-((2R,4R,5S,6R)-2,4-dihydroxy-6-isopropyl-5-methyltetrahydro-2H-pyran-2-yl)-3-hydroxypentan-2-yl)-8-hydroxy-3,15-dimethoxy-5,7,9,11-tetramethyloxacyclohexadeca-3,5,11,13-tetraen-2-one	
Synonyms	
Bafilomycin A1; NSC 381866; NSC-381866; NSC381866	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 329893 Name: Bafilomycin A1 CAS#: 88899-55-2 Lot#: C9M02C22 Chemical Formula: C ₃₅ H ₅₈ O ₉ Exact Mass: 622.4081 Molecular Weight: 622.84

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE