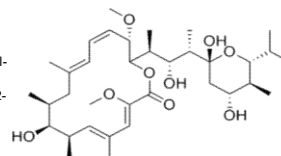


# Certificate of Analysis



## Product Identification

**Catalog number** HB1125  
**Compound name** Bafilomycin A1  
**Chemical name** (3Z,5E,7R,8S,9S,11E,13E,15S,16R)-8-Hydroxy-16-[[[(1S,2R,3S)-2-hydroxy-1-methyl-3-[[[(2R,4R,5S,6R)-tetrahydro-2,4-dihydroxy-5-methyl-6-(1-methylethyl)-2H-pyran-2-yl]butyl]-3,15-dimethoxy-5,7,9,11-tetramethoxycyclohexadeca-3,5,11,13-tetraen-2-one  
**Batch number** E2400-1-1  
**Batch molecular formula** C<sub>35</sub>H<sub>58</sub>O<sub>9</sub>  
**Batch molecular weight** 622.84



## Chemical Structure

## Method

## QC requirement

## QC Result

<b>HPLC</b>	Reverse Phase HPLC shows >98% purity	Meets specification: 99.9%
<b>NMR</b>	1H NMR consistent with structure	Meets specification
<b>Physical appearance</b>	White to off-white solid	Meets specification: Off-white solid
<b>Solubility</b>	Soluble in DMSO and in ethanol	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

19/09/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.