

Certificate of Analysis



Product Identification

Catalog number	HB4488
Compound name	Oligomycin A
Chemical name	(1R,4E,5'S,6S,6'S,7R,8S,10R,11R,12S,14R,15S,16R,18E,20E,22R,25S,27R,28S,29R)-22-ethyl-7,11,14,15-tetrahydroxy-6'-[(2R)-2-hydroxypropyl]-5',6,8,10,12,14,16,28,29-nonamethyl-3',4',5',6'-tetrahydro-3H,9H,13H-spiro[2,26-dioxabicyclo[23.3.1]nonacosa-4,18,20-triene-27,2'-pyran]-3,9,13-trione
Batch number	E2329-1-1
Batch molecular formula	C ₄₅ H ₇₄ O ₁₁
Batch molecular weight	791.07

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.8%
TLC	TLC analysis in 5% MeOH/DCM shows one spot under H ₂ SO ₄	Meets specification: One spot
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in ethanol (10 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

24/07/2023

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