

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB4219	
Compound name	Leptomycin B	
Chemical name	(2E,5S,6R,7S,9R,10E,12E,15R,16Z,18E)-19-[(2S,3S)-3,6-Dihydro-3-methyl-6-oxo-2H-pyran-2-yl]-17-ethyl-6-hydroxy-3,5,7,9,11,15-hexamethyl-8-oxo-2,10,12,16,18-nonadecapentaenoic acid	
Batch number	E2007-1-1	
Batch molecular formula	C ₃₃ H ₄₈ O ₆	
Batch molecular weight	540.74	

Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 100%
TLC	TLC analysis in toluene:EtOAc:formic acid 6:3:1 shows one spot under H ₂ SO ₄	Meets specification
Physical appearance	Colourless to pale yellow solution	Meets specification: Pale yellow solution
Solubility	Soluble in ethanol	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

09/06/2022

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