

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB2779	
Compound name	Rapamycin	
Chemical name	(3S,6R,7E,9R,10R,12R,14S,15E,17E,19E,21S,23S,26R,27R,34aS)-9,10,12,13,14,21,22,23,24,25,26,27,32,33,34,34a-Hexadecahydro-9,27-dihydroxy-3-[[[1R]-2-[[[1S,3R,4R]-4-hydroxy-3-methoxycyclohexyl]-1-]]	
Batch number	E1398-1-1	
Batch molecular formula	C ₅₁ H ₇₉ NO ₁₃	
Batch molecular weight	914.18	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.1%
TLC	TLC analysis in 5% MeOH/DCM shows one spot under H ₂ SO ₄	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (200 mg/ml)	Meets specification

Produced by

Signature

Passed by

Signature

Date

15-07-20

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