

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB6283	
Compound name	YM 254890	
Chemical name	[(1R)-1-[(3S,6S,9S,12S,18R,21S,22R)-21-acetamido-18-benzyl-3-[(1R)-1-methoxyethyl]-4,9,10,12,16,22-hexamethyl-15-methylidene-2,5,8,11,14,17,20-heptaoxo-1,19-dioxo-4,7,10,13,16-pentazacyclodocos-	
Batch number	E1900-1-1	
Batch molecular formula	C ₄₆ H ₆₉ N ₇ O ₁₅	
Batch molecular weight	960.09	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 99.9%
NMR	¹ H NMR consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: Off-white solid
Solubility	Soluble in DMSO (10 mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

21-02-22

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