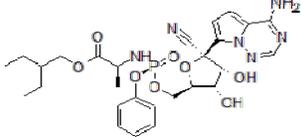


Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB9521	
Compound name	Remdesivir	
Chemical name	2-Ethylbutyl (2S)-2-[[[(S)-[[[(2R,3S,4R,5R)-5-(4-aminopyrrolo(2,1-f)(1,2,4)triazin-7-yl)-5-cyano-3,4-dihydroxytetrahydrofuran-2-yl]methoxy]phenoxyphosphoryl]amino]propanoate	
Batch number	E1389-1-1	
Batch molecular formula	C ₂₇ H ₃₉ N ₆ O ₈ P	
Batch molecular weight	602.58	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >98% purity	Meets specification: 98.3%
NMR	¹ H NMR in DMSO at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (20 mM)	Meets specification

Produced by

Signature

Passed by

Signature

Date

24-07-20

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