

## CERTIFICATE OF ANALYSIS

Date: 13-02-2026

Product Name	Remdesivir Bis Phosphoryl Impurity		
Chemical Name	2-ethylbutyl ((S)-((2R,4R,5R)-5-(4-aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-5-cyano-2-(((S)-((S)-1-(2-ethylbutoxy)-1-oxopropan-2-yl)amino)(phenoxy)phosphoryl)oxy)methyl)-4-hydroxytetrahydrofuran-3-yl)oxy)(phenoxy)phosphoryl)-L-alaninate		
Structure	<p>The chemical structure is a complex organic molecule. It features a 2-ethylbutyl group attached to a 4-hydroxytetrahydrofuran-3-yl group. This is linked via an oxygen atom to a (phenoxy)phosphoryl group. The latter is further substituted with a 5-(4-aminopyrrolo[2,1-f][1,2,4]triazin-7-yl)-5-cyano-2-(((S)-((S)-1-(2-ethylbutoxy)-1-oxopropan-2-yl)amino)(phenoxy)phosphoryl)oxy)methyl group. The structure is highly oxygenated, with multiple phosphate and hydroxyl groups.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	7
Mol. Formula	C <sub>42</sub> H <sub>51</sub> N <sub>12</sub> O <sub>12</sub> P <sub>2</sub>	Molecular Wt.	913.9
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.**

	Prepared By	Checked By	Approved By
Signature			
Date			

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