



CERTIFICATE OF ANALYSIS



Date: 09-02-2026

Product Name	Raltegravir Mixture Of G & F		
Chemical Name	Ethyl (E)-N-(2-((2-(4-((4-fluorobenzyl)carbamoyl)-5-hydroxy-1-methyl-6-oxo-1,6-dihdropyrimidin-2-yl)propan-2-yl)amino)-2-oxoacetyl)acetohydrazone compound with ethyl (Z)-N-(2-((2-(4-((4-fluorobenzyl)carbamoyl)-5-hydroxy-1-methyl-6-oxo-1,6-dihdropyrimidin-2-yl)propan-2-yl)amino)-2-oxoacetyl)acetohydrazone (1:1)		
Structure	<p>The chemical structure shows a complex molecule consisting of a central pyrimidine ring fused with a dihydropyrimidine ring. The pyrimidine ring has a carbamoyl group (NH-CO-NH-) at position 4 and a 4-fluorobenzyl group at position 2. The dihydropyrimidine ring has a hydroxyl group (OH) at position 5 and a 4-fluorobenzyl group at position 6. There are two ethyl groups (CH2-CH3) attached to the nitrogen atoms of the pyrimidine ring. The molecule is shown in two conformations, one in blue and one in red, representing the G and F isomers.</p>		
Batch No.	-	CAS No.	NA
Analysis Date	-	Retest Date	4
Mol. Formula	C ₄₄ H ₅₄ F ₂ N ₁₂ O ₁₂	Molecular Wt.	981
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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