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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tenofovir Disoproxil Fumarate IP Impurity D

Identification:

Chemical Name: ((((((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(hydroxy)phosphoryl)oxy)methyl isopropyl carbonate

Synonyms : Tenofovir Disoproxil IP Impurity A ; Tenofovir Isoproxil Monoester ; Tenofovir Monosoproxil

CAS Number : 211364-69-1

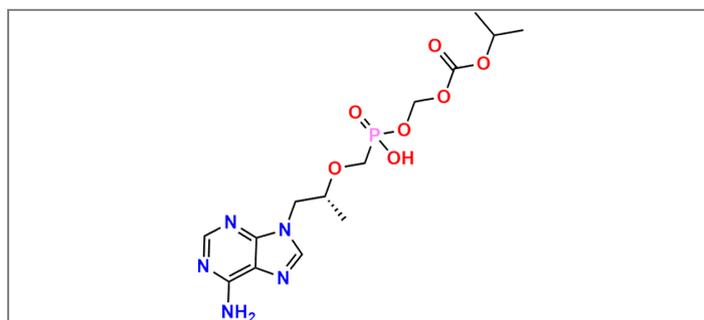
CAT Number : CP-T5001

Molecular Formula : C₁₄H₂₂N₅O₇P

Molecular Weight : 403.33

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.