

Analysis Date: 21-07-2022

Re-test Date: 21-07-2025

TENOFOVIR DISOPROXIL IMPURITY A

Identification

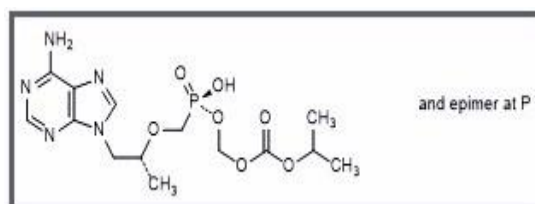
Chemical Name : ((((((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yl)oxy)methyl) (hydroxy) phosphoryl)oxy)methyl isopropyl carbonate

CAT No : ALL-TENO-11

CAS No : 211364-69-1

Molecular Formula : C₁₄H₂₂N₅O₇P

Molecular Weight : 403.3



Analytical Information

Batch No.	: ALL-TENO-11	HPLC Purity	: 97.96%
Solubility	: MeOH: ACN	Potency	: 95.88%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.399 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.716 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (1.399+0.716) × 97.96]/100 = 95.88%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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