

Analysis Date: 05-12-2023

Re-test Date: 05-12-2026

TENOFOVIR DISOPROXIL IMPURITY H

Identification

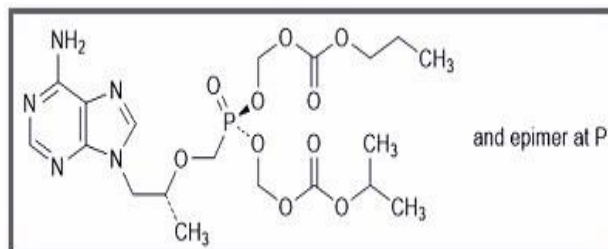
Chemical Name : 1-Methylethyl propyl (5RS)-5-{[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl}-5-oxo-2,4,6,8-tetraoxa-5-?5-phosphanonanedioate

CAT No : ALL-TENO-19

CAS No : 1217542-13-6

Molecular Formula : C₂₃H₃₄N₅O₁₄P

Molecular Weight : 635.51



Analytical Information

Batch No.	: ALL-TENO-19	HPLC Purity	: 95.12 %
Solubility	: MeOH: ACN	Potency	: 94.40 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.430 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.321 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.430+0.321) × 95.12]/100 = 94.40 %

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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