

Analysis Date: 14-09-2022

Re-test Date: 14-09-2025

TENOFOVIR DISOPROXIL IMPURITY B

Identification

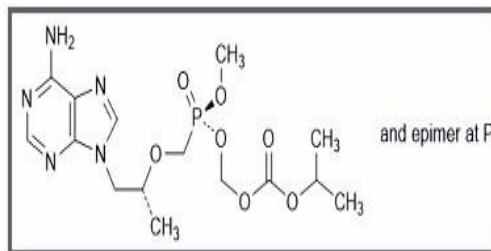
Chemical Name : (1-Methylethyl) (5RS,8R)-9-(6-amino-9H-purin-9-yl)-5-methoxy-8-methyl-5-oxo-2,4,7-trioxa-5-?5-phosphanonanoate

CAT No : ALL-TENO-12

CAS No : 1246812-16-7

Molecular Formula : C₁₅H₂₄N₅O₇P

Molecular Weight : 417.35



Analytical Information

Batch No.	: ALL-TENO-12	HPLC Purity	: 96.01%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 92.10%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.190%	¹H NMR	: Confirm
Residue Of Ignition	: 3.881%		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.190 + 3.881) \times 96.01] / 100 = 92.10\%$$

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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