

Analysis Date: 31-10-2025

Re-test Date: 31-10-2028

TENOFOVIR DISOPROXIL FUMARATE IP IMPURITY M

Identification

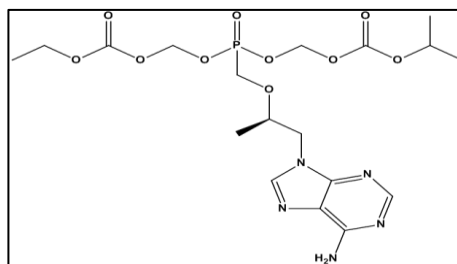
Chemical Name : O-(Ethoxycarbonyloxymethyl)-O-(isopropoxycarbonyloxymethyl){(R)-[1-(6-amino-9H-purin-9-yl)propan-2-yloxy]}methylphosphonate fumarate

CAT No : ALL-TENO-25

CAS No : N.A.

Molecular Formula : C₂₂H₃₂N₅O₁₄P

Molecular Weight : 621.49



Analytical Information

Batch No.	: ALL-TENO-25	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.74%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.115%	¹H NMR	: Confirm
Residue Of Ignition	: 0.148%		

Additional Information

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

$$[100 - (0.115 + 0.148) \times 98.00] / 100 = 97.74\%$$

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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