

Analysis Date: 06-11-2025

Re-test Date: 06-11-2028

TENOFOVIR DISOPROXIL RELATED COMPOUND F

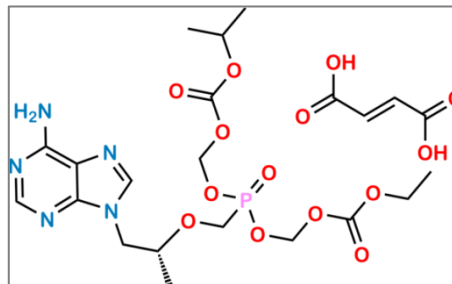
Identification

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

CAT No : ALL-TENO-55

CAS No : 1422284-17-0

Molecular Formula : C₁₈H₂₈N₅O₁₀P : C₄H₄O₄



Molecular Weight : 505.4 : 116.1

Analytical Information

Batch No.	: ALL-TENO-55	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.65 %
Appearance of Product	: Clear Liquid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.167 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.183 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.167+0.183) × 98.00]/100 = 97.65 %

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