

Analysis Date: 29-05-2025

Re-test Date: 29-05-2028

TENOFOVIR ALAFENAMIDE O-DESPHENYL IMPURITY

Identification

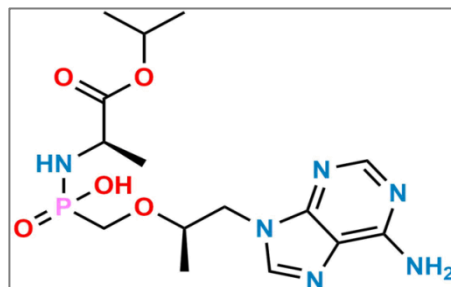
Chemical Name : P-((((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)-N-((R)-1-isopropoxy-1-oxopropan-2-yl)phosphonamidic acid

CAT No : ALL-TENO-50

CAS No : 376633-26-0

Molecular Formula : C₁₅H₂₅N₆O₅P

Molecular Weight : 400.4



Analytical Information

Batch No	: ALL-TENO-50	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.24 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.517 %	¹HNMR	: Confirm
Residue Of Ignition	: 1.274 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.517 + 1.274) × 98.00]/100 = 96.24 %

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