

Analysis Date: 03-11-2025

Re-test Date: 03-11-2028

TENOFOVIR ETHYL IMPURITY

Identification

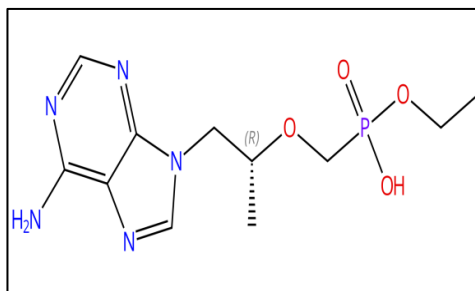
Chemical Name : Phosphonic acid, P-[[[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, monoethyl ester; [(2R)-1-(6-Aminopurin-9-yl)propan-2-yl]oxymethyl-ethoxyphosphinic acid

CAT No : ALL-T05989

CAS No : 1796545-19-1

Molecular Formula : C₁₁H₁₈N₅O₄P

Molecular Weight : 315.27



Analytical Information

Batch Number	: ALL-T05989	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.64 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.723 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.657 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.723 + 0.657) × 98.00]/100 = 96.64 %

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