

Analysis Date: 26-11-2025

Re-test Date: 26-11-2028

TENOFOVIR IMPURITY 77

Identification

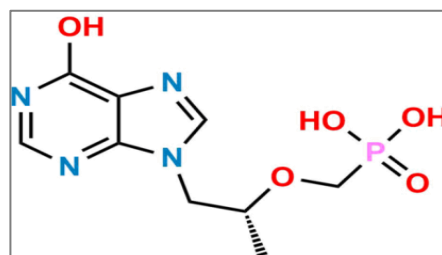
Chemical Name : (R)-(((1-(6-Hydroxy-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonic acid

CAT No : ALL-TENO-145

CAS No : N.A.

Molecular Formula : C₉H₁₃N₄O₅P

Molecular Weight : 288.2



Analytical Information

Batch No	: ALL-TENO-145	HPLC Purity	: 98.00%
Solubility	: MeOH: ACN	Potency	: 96.22 %
Appearance of Product	: Light Brown Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 1.471 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.338 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.471 + 0.338) × 98.00]/100 = 96.22 %

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 specific

Corporate Office