

Analysis Date: 26-11-2025

Re-test Date: 26-11-2028

TENOFOVIR IMPURITY 78

Identification

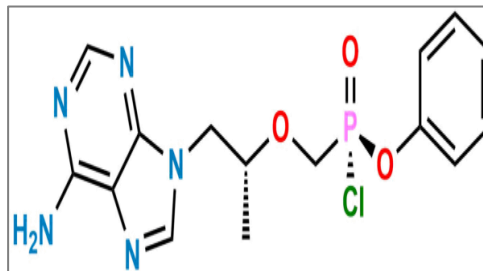
Chemical Name : Phenyl (R)-((((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonochloridate

CAT No : ALL-TENO-146

CAS No : 2114952-16-6

Molecular Formula : C₁₅H₁₇CIN₅O₃P

Molecular Weight : 381.8



Analytical Information

Batch No.	: ALL-TENO-146	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.31 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.487 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.215 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.487 + 0.215) × 98.00]/100 = 97.31 %

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