

Analysis Date: 30-10-2025

Re-test Date: 30-10-2028

TENOFOVIR (R)-PROPANOL IMPURITY

Identification

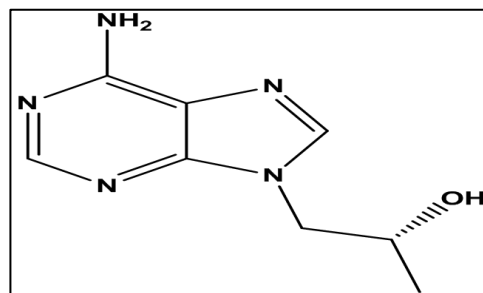
Chemical Name : (R)-1-(6-Amino-9H-purin-9-yl)propan-2-ol

CAT No : ALL-TENO-1

CAS No : 14047-28-0

Molecular Formula : C₈H₁₁N₅O

Molecular Weight : 193.21



Analytical Information

Batch No.	: ALL-TENO-1	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 %	¹ HNMR	: Confirm
Residue Of Ignition	: 0.215 %		

Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.487 + 0.215) \times 98.00] / 100 = 97.31 \%$$

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

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