

Analysis Date: 30-10-2025

Re-test Date: 30-10-2028

## TENOFOVIR DIETHYL ESTER (S)-ISOMER

### Identification

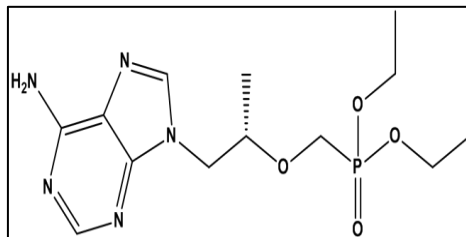
**Chemical Name** : (S)-Diethyl (1-(6-amino-9H-purin-9-yl)propan-2-yloxy)methylphosphonate

**CAT No** : ALL-TENO-8

**CAS No** : N.A.

**Molecular Formula** : C<sub>13</sub>H<sub>22</sub>N<sub>5</sub>O<sub>4</sub>P

**Molecular Weight** : 343.32



### Analytical Information

**Batch No** : ALL-TENO-8

**HPLC Purity** : 98.00%

**Solubility** : MeOH: ACN

**Potency** : 95.93 %

**Appearance of Product** : Off White Solid

**Mass** : Confirm

**Long Term Storage** : 2-8 °C

**IR Analysis** : Confirm

**Weight Loss By TGA** : 0.906 %

**<sup>1</sup>H NMR** : Confirm

**Residue Of Ignition** : 1.199 %

### Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 = N.A  
[100 - (0.906+1.199) × 98.00]/100 = 95.93 %

**Recommendation** : Released

|                          | Department | Name                               | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul Khadase<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>Director QA&QC |           |

**Attachment** : HPLC, Mass, <sup>1</sup>H NMR, IR, TGA

**Shipping Condition** : All Product are stable to be shipped at room temperature, unless otherwise specified

### Corporate Office

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