

Analysis Date: 04-11-2025

Re-test Date: 04-11-208

## DIISOPROPYL TENOFOVIR FUMARATE

### Identification

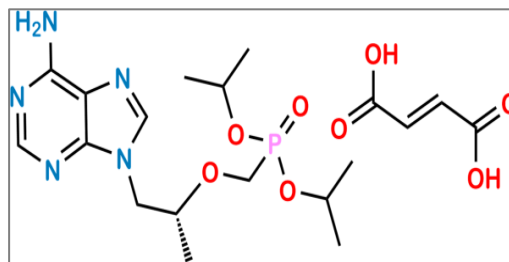
**Chemical Name** : diisopropyl (R)-(((1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate fumarate

**CAT No** : ALL-TENO-35

**CAS No** : N.A.

**Molecular Formula** : C<sub>15</sub>H<sub>26</sub>N<sub>5</sub>O<sub>4</sub>P : C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>

**Molecular Weight** : 371.4 : 116.1



### Analytical Information

<b>Batch No.</b>	: ALL-TENO-35	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.75 %
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 °C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 0.617 %	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.655 %		

### Additional Information

**%Potency** = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =  
 [100 - (0.617+0.655) × 98.00]/100 = 96.75 %

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office