

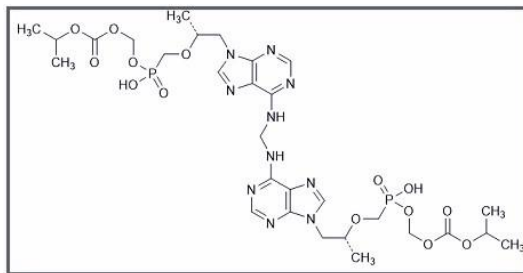
Analysis Date: 31-10-2025

Re-test Date: 31-10-2028

## TENOFOVIR DISOPROXIL IMPURITY F

### Identification

<b>Chemical Name</b>	: bis(1-Methylethyl) 9,9'-[methylenebis(imino-9H-purine-6,9-diyl)]bis[(8R)-5-hydroxy-8-methyl-5-oxo-2,4,7-trioxo-5-?5-phosphanonoate] disodium salt
<b>CAT No</b>	: ALL-TENO-16
<b>CAS No</b>	: N.A.
<b>Molecular Formula</b>	: C <sub>29</sub> H <sub>42</sub> N <sub>10</sub> Na <sub>2</sub> O <sub>14</sub> P <sub>2</sub>
<b>Molecular Weight</b>	: 862.63



### Analytical Information

<b>Batch No</b>	: ALL-TENO-16	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 95.93%
<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>	: 1.351%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.756%		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%] / 100 = [100 - (1.351 + 0.756) \times 98.00] / 100 = 95.93\%$$

**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, TGA.

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

#### Corporate Office