

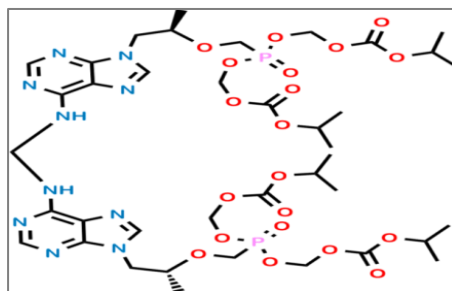
Analysis Date: 05-11-2025

Re-test Date: 05-11-2028

## TENOFOVIR DISOPROXIL DIMER

### Identification

<b>Chemical Name</b>	: Tenofovir Disoproxil Dimer ; 5-[[[(1R)-2-[6-[[[9-[(2R)-2,11-Dimethyl-5-[[[(1-methylethoxy)carbonyl]oxy]methoxy]-5-oxido-9-oxo-3,6,8,10-tetraoxa-5-phosphadodec-1-yl]-9H-purin-6-yl]amino]methyl]amino]-9H-purin-9-yl]-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphananedioic acid 1,9-bis(1-methylethyl) ester 5-oxide ;
<b>CAT No</b>	: ALL-TENO-54
<b>CAS No</b>	: 1093279-76-5
<b>Molecular Formula</b>	: C <sub>39</sub> H <sub>60</sub> N <sub>10</sub> O <sub>20</sub> P <sub>2</sub>
<b>Molecular Weight</b>	: 1050.9



### Analytical Information

<b>Batch No.</b>	: ALL-TENO-54	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 95.14%
<b>Appearance of Product</b>	: Off White Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>o</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.256 %	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.658 %		

### Additional Information

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

$$[100 - (1.256 + 1.658) \times 98.00] / 100 = 95.14\%$$

**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