

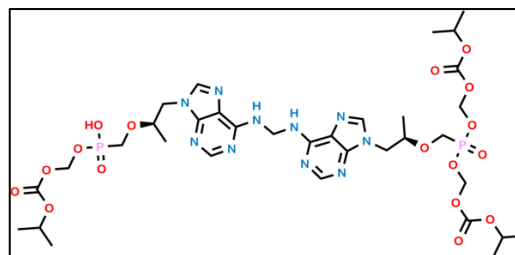
Analysis Date: 30-10-2025

Re-test Date: 30-10-2028

## TENOFOVIR DISOPROXIL FUMARATE IP IMPURITY I

### Identification

Chemical Name	: bis(1-Methylethyl) 5-[[[(1R)-2-(6-[[[9-[(2R)-5-hydroxy-2,11-dimethyl-5,9-dioxo-3,6,8,10-tetraoxa-5-?5-phosphadodecyl]-9Hpurin-6-yl)amino)methyl]amino)-9H-purin-9-yl)-1-methylethoxy]methyl]-5-oxo-2,4,6,8-tetraoxa-5-?5-phosp
CAT No	: ALL-TENO-20
CAS No	: 1093279-77-6
Molecular Formula	: C <sub>34</sub> H <sub>52</sub> N <sub>10</sub> O <sub>17</sub> P <sub>2</sub>
Molecular Weight	: 934.78



### Analytical Information

Batch No.	: ALL-TENO-20	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 97.65 %
Appearance of Product	: Clear Liquid	Mass	: Confirm
Long Term Storage	: 2-8 <sup>0</sup> C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.167 %	<sup>1</sup> HNMR	: Confirm
Residue Of Ignition	: 0.183 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (0.167 + 0.183) \times 98.00] / 100 = 97.65 \%$$

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul khadase Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keché 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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