

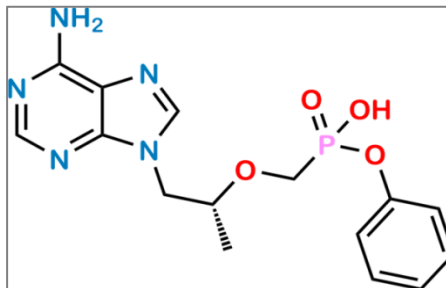
Analysis Date: 04-11-2025

Re-test Date: 04-11-2028

## MONOPHENYL TENOFOVIR

### Identification

<b>Chemical Name</b>	: Phosphonic acid, [[[1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, monophenyl ester (9CI); Phenyl hydrogen [(R)-1-(6-amino-9H-purin-9-yl)propan-2-yloxy]methylphosphonate
<b>CAT No</b>	: ALL-TENO-38
<b>CAS No</b>	: 379270-35-6
<b>Molecular Formula</b>	: C <sub>15</sub> H <sub>18</sub> N <sub>5</sub> O <sub>4</sub> P
<b>Molecular Weight</b>	: 363.3



### Analytical Information

<b>Batch No.</b>	: ALL-TENO-38	<b>HPLC Purity</b>	: 98.00 %
<b>Solubility</b>	: MeOH: ACN	<b>Potency</b>	: 96.69 %
<b>Appearance of Product</b>	: Yellow to light greenish Solid	<b>Mass</b>	: Confirm
<b>Long Term Storage</b>	: 2-8 <sup>0</sup> C	<b>IR Analysis</b>	: Confirm
<b>Weight Loss By TGA</b>	: 1.316 %	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.012 %		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.316 + 0.012) \times 98.00] / 100 = 96.69 \%$$

**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