



## CERTIFICATE OF ANALYSIS



Date: 16-02-2026

<b>Product Name</b>	<b>rac-Tenofovir Disoproxil Related Compound G Fumarate</b>		
<b>Chemical Name</b>	((((((S)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(isopropoxy)phosphoryl)oxy)methyl isopropyl carbonate fumarate		
<b>Structure</b>	<p>The chemical structure shows a purine ring system with an amino group (NH2) at position 6. It is linked via a propan-2-yl group to a phosphorus atom (P) which is part of a triisopropyl phosphoryl group. This phosphorus atom is also bonded to an isopropoxy group and an oxygen atom of a methyl isopropyl carbonate group. The structure is further substituted with a fumarate group (a cis-1,2-dihydro-2-hydroxy-1,2-dioxoethoxy group).</p>		
<b>Batch No.</b>	-	<b>CAS No.</b>	NA
<b>Analysis Date</b>	-	<b>Retest Date</b>	3
<b>Mol. Formula</b>	C <sub>17</sub> H <sub>28</sub> N <sub>5</sub> O <sub>7</sub> P : C <sub>4</sub> H <sub>4</sub> O <sub>4</sub>	<b>Molecular Wt.</b>	445.4 : 116.1
<b>Long term Storage Condition</b>	Store at 2-8 °C in well closed container		
<b>Handling and Transit Condition</b>	25-30 °C in well closed container		

<b>Test</b>	<b>Result</b>
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

**Note:** This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>
<b>Signature</b>			
<b>Date</b>			

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