

# CERTIFICATE OF ANALYSIS

(Certificate No. KMT025045-01)

Release Date: 09/06/2026

Re-test Date: 08/06/2029

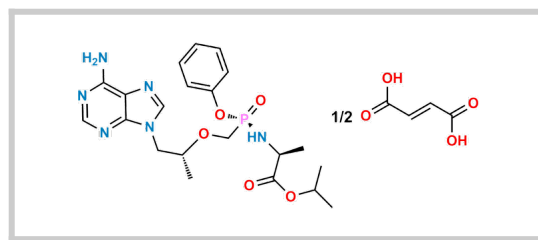
## Tenofovir Alafenamide Hemifumarate

### Identification

**Chemical Name :**

(S)-Isopropyl 2-(((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)amino)propanoate Hemifumarate

CAT No. : KMT025045  
CAS No. : 1392275-56-7  
Molecular Formula : C<sub>21</sub>H<sub>29</sub>N<sub>6</sub>O<sub>5</sub>P : 1/2(C<sub>4</sub>H<sub>4</sub>O<sub>4</sub>)  
Molecular Weight : 476.5 : 1/2(116.1)



### Analytical Information

Batch No.	: T025045-114-368	Solubility	: ACN : Water
Description	: White Solid	Mass	: Confirm
HPLC Purity	: 99.56 %	IR	: Confirm
Weight Loss By TGA	: 7.13 %	<sup>1</sup> H NMR	: Confirm
% Potency	: 92.46 %	<sup>13</sup> C NMR	: Confirm

### Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage  
Shipping Condition : Product is stable to be Shipped at Room Temperature  
% Potency = [100 - 7.13(Weight Loss By TGA)] x [99.56(HPLC Purity)]/100 = 92.46 %  
Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		09/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		09/06/2026

Attachments : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA