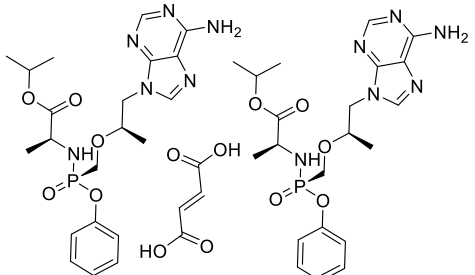




## Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
319909	Tenofovir alafenamide hemifumarate	CRB70109

<b>Chemical name</b>	
isopropyl ((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)-L-alaninate hemifumarate	
<b>Synonyms</b>	
TAF; GS734; GS-734; GS 734; GS 7340; GS-7340; GS7340; Tenofovir alafenamide hemifumarate; Tenofovir alafenamide fumarate (2:1).	
<b>Chemical structure</b>	<b>CAS# and Theoretical analysis</b>
	MedKoo Cat#: 319909 Name: Tenofovir alafenamide hemifumarate CAS#: 1392275-56-7 Lot#: CRB70109 Chemical Formula: C <sub>46</sub> H <sub>62</sub> N <sub>12</sub> O <sub>14</sub> P <sub>2</sub> Molecular Weight: 1069.02

Analysis item	Specifications / Results
<b>Appearance</b>	White to off-white solid powder
<b>Structure</b>	<sup>1</sup> H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
<b>Purity (HPLC)</b>	>99.0%
<b>Solubility</b>	Soluble in DMSO
<b>Conclusion</b>	This product conforms with MedKoo's quality standards
<b>Shipping condition</b>	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
<b>Storage condition</b>	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
<b>Shelf life</b>	At least 5 years if properly stored.

**CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE**