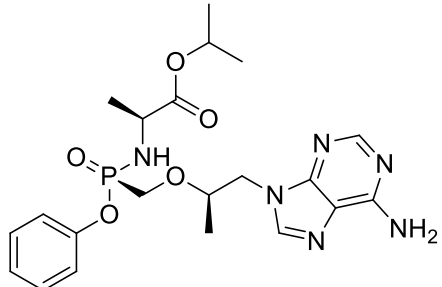


# Certificate of Analysis

<b>MedKoo Cat#:</b>	<b>Product Name:</b>	<b>Lot#:</b>
314270	Tenofovir alafenamide (free base)	A9T05K17

Chemical name	
(S)-isopropyl 2-(((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)amino)propanoate	
Synonyms	
GS7340; GS-7340; GS 7340; Tenofovir alafenamide	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314270 Name: Tenofovir alafenamide (free base) CAS#: 379270-37-8 Lot#: A9T05K17 Chemical Formula: C <sub>21</sub> H <sub>29</sub> N <sub>6</sub> O <sub>5</sub> P Exact Mass: 476.1937 Molecular Weight: 476.47

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>Self life</b>	At least 5 years if properly stored.

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