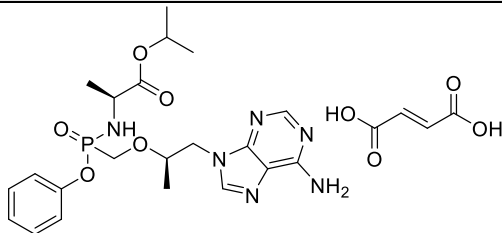


# Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#
314271	Tenofovir alafenamide fumarate (1:1 salt)	BBC70118

Chemical name	
(S)-isopropyl 2-(((S)-(((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(phenoxy)phosphoryl)amino)propanoate fumarate	
Synonyms	
TAF; GS-7340; GS 7340; GS7340; Tenofovir alafenamide fumarate.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 314271 Name: Tenofovir alafenamide fumarate CAS#: 379270-38-9 Lot#: BBC70118 Chemical Formula: C <sub>25</sub> H <sub>33</sub> N <sub>6</sub> O <sub>9</sub> P Molecular Weight: 592.55

Analysis item	Specifications / Results
Appearance	White solid powder
Structure	<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.
Purity (HPLC)	>99.0%
Solubility	Soluble in MeOD
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Self life	At least 5 years if properly stored.

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