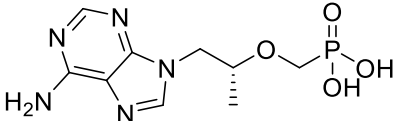




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
318800	Tenofovir	X7P05R24

Chemical name	
(R)-(((1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonic acid.	
Synonyms	
GS1275; GS-1275; GS 1275; Tenofovir; TFV gel; PMPA gel.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 318800 Name: Tenofovir CAS#: 147127-20-6 Lot#: X7P05R24 Chemical Formula: C ₉ H ₁₄ N ₅ O ₄ P Exact Mass: 287.0783 Molecular Weight: 287.22

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ 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 DMSO.
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
Shelf life	At least 5 years if properly stored.

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