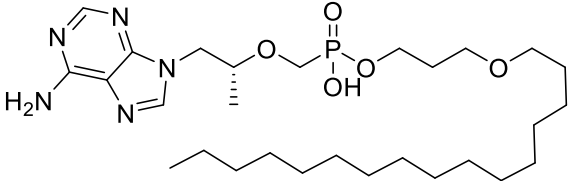


Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
327026	Tenofovir exalidex	YXM61226

Chemical name	
3-(hexadecyloxy)propyl hydrogen (((R)-1-(6-amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonate	
Synonyms	
Tenofovir exalidex; HDP-Tenofovir; Tenofovir; CMX-157; CMX157; CMX 157	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 327026 Name: Tenofovir exalidex CAS#: 911208-73-6 Lot#YXM61226 Chemical Formula: C ₂₈ H ₅₂ N ₅ O ₅ P Exact Mass: 569.3706 Molecular Weight: 569.73

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, slightly soluble in ethanol, not soluble in water.
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