Certificate of Analysis

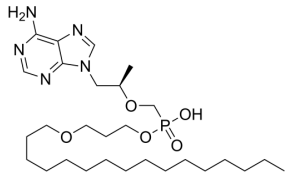
Tenofovir exalidex

Cat. No.:	HY-109014
CAS No.:	911208-73-6
Batch No.:	261939
Chemical Name:	Phosphonic acid, P-[[(1R)-2-(6-amino-9H-purin-9-yl)-1-methylethoxy]methyl]-, mono[3-(hexadecyloxy)propyl] ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:	$C_{28}H_{52}N_5O_5P$		
Molecular Weight:	**569.72**		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month

Chemical Structure:



ANALYTICAL DATA

Appearance:	White to off-white (Solid)
^{1}H NMR Spectrum:	Consistent with structure
Assay (QNMR):	98.70%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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