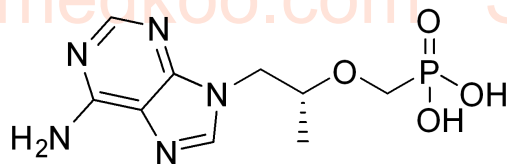


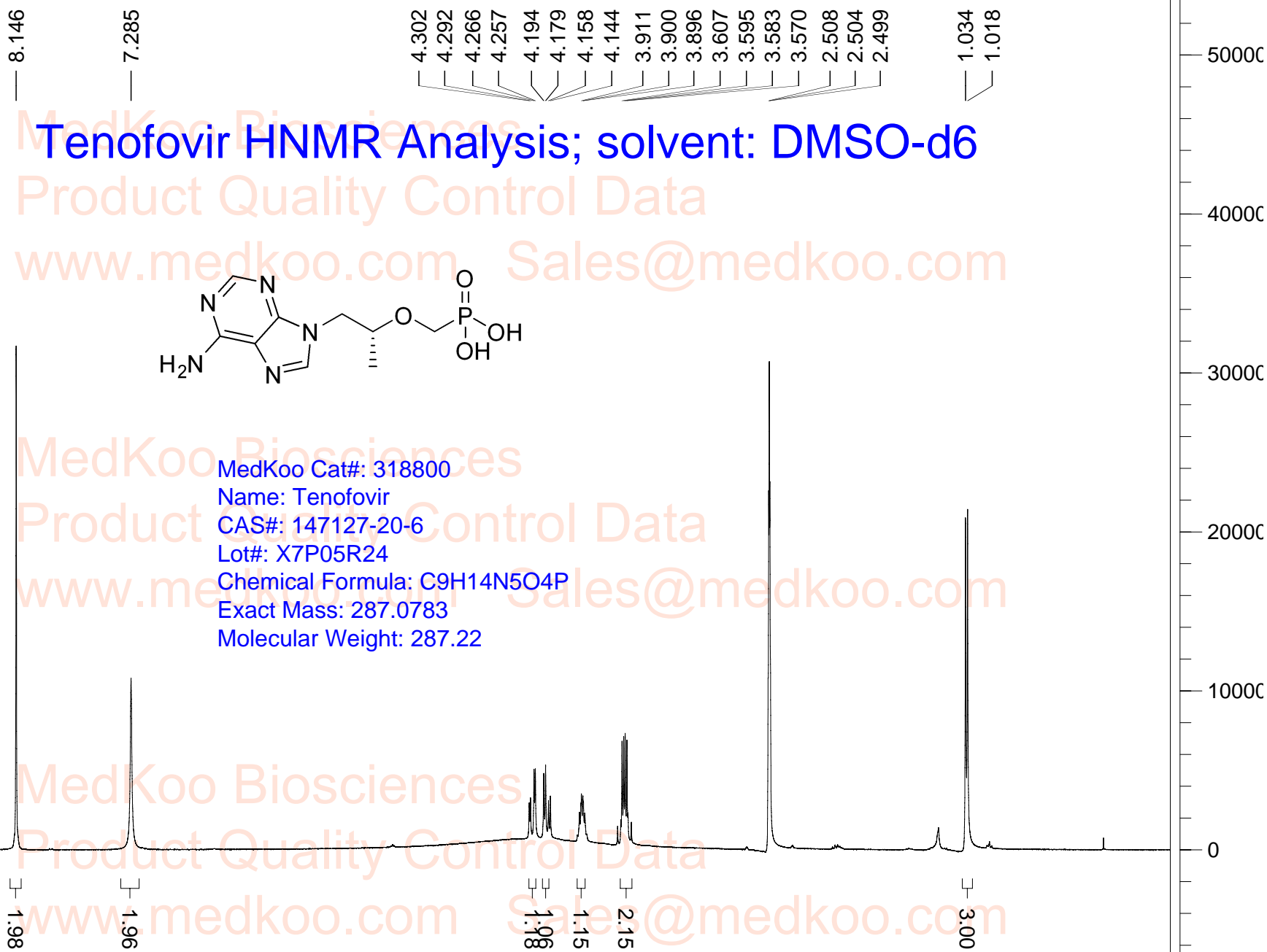
Tenofovir HNMR Analysis; solvent: DMSO-d6

Product Quality Control Data

www.medkoo.com Sales@medkoo.com



MedKoo Cat#: 318800
Name: Tenofovir
CAS#: 147127-20-6
Lot#: X7P05R24
Chemical Formula: C₉H₁₄N₅O₄P
Exact Mass: 287.0783
Molecular Weight: 287.22



MedKoo Biosciences
Product Quality Control Data

www.medkoo.com Sales@medkoo.com

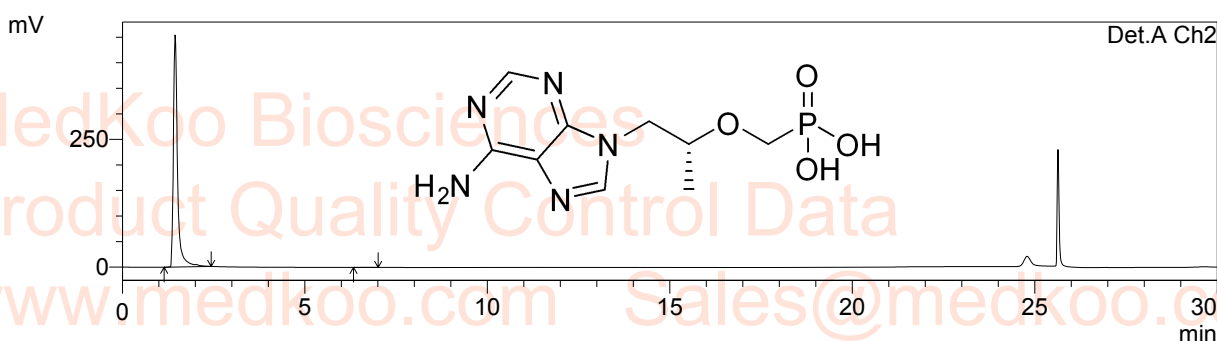
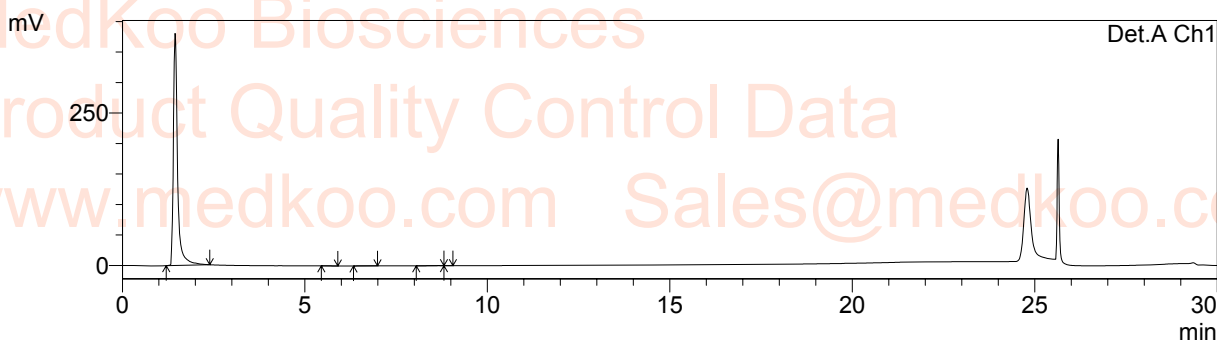
MedKoo Biosciences
Product Quality Control Data

www.medkoo.com Sales@medkoo.com

Tenofovir HPLC Analysis

Column : Inertil ODS-3, 5um 4.6*150mm
 Mobile phase : Solvent A: H2O(0.05%H3PO4) Solvent B:ACN(0.05%H3PO4)
 Temperature : 40 °C
 Flow rate : 1mL/min
 Run time : 3min gradient(50%B), 15min gradient (50%-95%B),5 min(95%B),then 7min @(50%B)
 Detector : UV
 Wavelength : 220/254 nm
 User name : ZJB E-005
 Notebook page :
 Sample description : in ACN
 Injection Volume : 2 uL

Data File Name : 147127-20-6.lcd
 Method File Name : 147127-20-6.lcm



1Det.A Ch1/220nm
 2Det.A Ch2/254nm

PeakTable

Detector A Ch1 220nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	1.441	3055319	99.573	838.316
2	5.611	1237	0.040	5317.535
3	6.573	5199	0.169	2800.429
4	8.660	4912	0.160	12987.425
5	8.948	1764	0.057	6841.303
Total		3068431	100.000	

Detector A Ch2 254nm

Peak#	Ret. Time	Area	Area %	Theoretical Plate#
1	1.440	3599133	99.881	857.611
2	6.553	4279	0.119	3213.775
Total		3603412	100.000	

MedKoo Cat#: 318800

Name: Tenofovir

CAS#: 147127-20-6

Lot#: X7P05R24

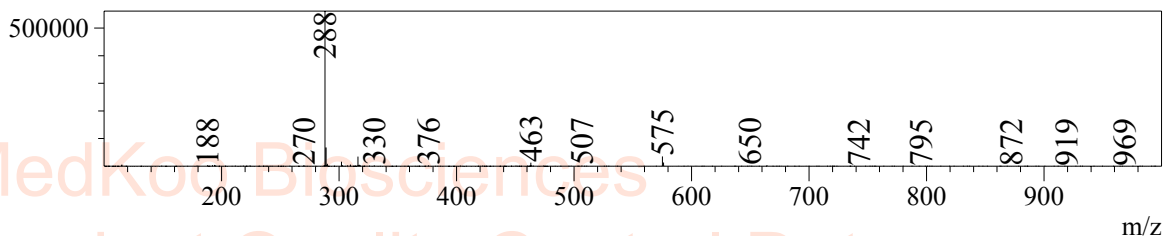
Chemical Formula: C9H14N5O4P

Exact Mass: 287.0783

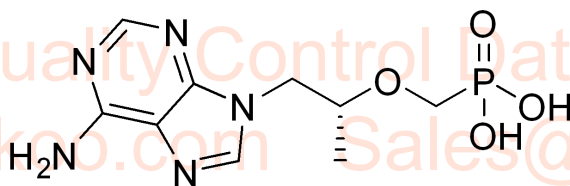
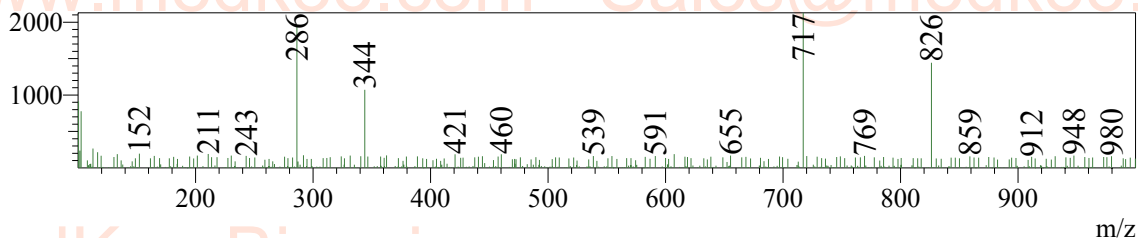
Molecular Weight: 287.2158

Tenofovir MS Analysis

Peak#:1 R.Time:0.342(Scan#:31)
MassPeaks:451
Spectrum Mode:Averaged 0.317-0.367(29-33)
BG Mode:Calc Segment 1 - Event 1



Peak#:1 R.Time:0.474(Scan#:42)
MassPeaks:433
Spectrum Mode:Averaged 0.450-0.500(40-44)
BG Mode:Calc Segment 1 - Event 2



MedKoo Cat#: 318800

Name: Tenofovir

CAS#: 147127-20-6

Lot#: X7P05R24

Chemical Formula: C₉H₁₄N₅O₄P

Exact Mass: 287.0783

Molecular Weight: 287.2158