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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Apr 2028

Product Name: Tenofovir Mono POC Dimer

Identification:

Chemical Name: 2,4,7-Trioxa-5-phosphanonanoic acid, 5-hydroxy-9-[6-[[[9-[(2R)-5-hydroxy-2,11-dimethyl-5-oxido-9-oxo-3,6,8,10-tetraoxa-5-phosphadodec-1-yl]-9H-purin-6-yl]amino]methyl]amino]-9H-purin-9-yl]-8-methyl-, 1-(1-methylethyl) ester, 5-oxide, (8R)

Synonyms : Tenofovir Disoproxil Fumarate IP
Impurity F

CAS Number : 1962114-92-6

CAT Number : CP-T5032

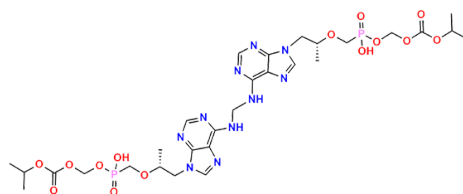
Molecular Formula : C₂₉H₄₄N₁₀O₁₄P₂

Molecular Weight : 818.67

Batch Number : CP-TEN-DFF-0426

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.95%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	5.886%
9)	Potency by TGA	90.30%



Prepared and Reviewed By

A handwritten signature in black ink, appearing to read "Shubham Bondre", written over a horizontal line.

Mr. Shubham Bondre
(Quality Control)

Approved By

A handwritten signature in black ink, appearing to read "Abhijit Kale", written over a horizontal line.

Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.