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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

Re-test Date: Jun 2025

**Product Name: Tri-POC Tenofovir Dimer**

### Identification:

Chemical Name: 5-[[[(1R)-2-[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]-1-methylethoxy]methyl]-2,4,6,8-tetraoxa-5-phosphanonanedioic Acid 1,9-Bis(1-methylethyl) Ester 5-Oxide

Synonyms : Tenofovir disoproxil fumarate IP  
impurity I

CAS Number : 1093279-77-6

CAT Number : CP-T5005

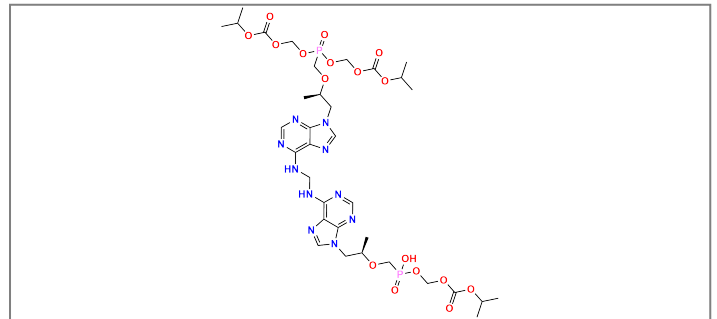
Molecular Formula : C<sub>34</sub>H<sub>52</sub>N<sub>10</sub>O<sub>17</sub>P<sub>2</sub>

Molecular Weight : 934.79

Batch Number : CP-TEN-POC-0723

Storage Condition : Tightly closed, Inert atmosphere at -20° C

Shipping condition : At low temperature with dry ice and ice pack gel



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off-White Highly Hygroscopic Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	92.98%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

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