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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tenofovir Disoproxil Fumarate IP Impurity D

Identification:

Chemical Name: ((((((R)-1-(6-Amino-9H-purin-9-yl)propan-2-yl)oxy)methyl)(hydroxy)phosphoryl)oxy)methyl isopropyl carbonate

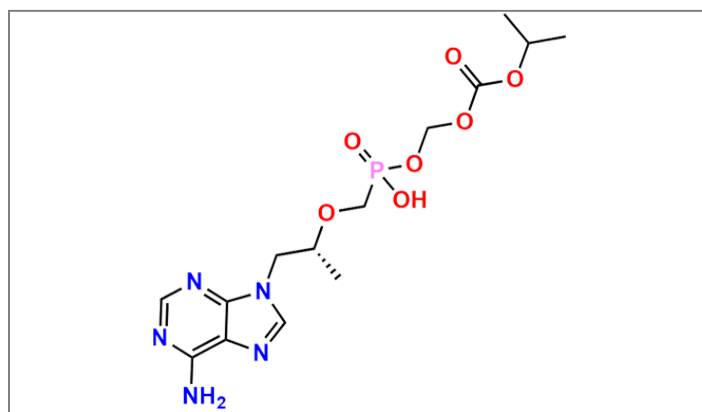
Synonyms : Tenofovir Disoproxil IP Impurity A ; Tenofovir Isoproxil Monoester ; Tenofovir Monosoproxil

CAS Number : 211364-69-1

CAT Number : CP-T5001

Molecular Formula : C₁₄H₂₂N₅O₇P

Molecular Weight : 403.33



Analytical Information:

| Sr. No. | Test | Result |
|---------|----------------|--------------------------|
| 1) | Description | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | H1NMR | Confirm to structure |



Prepared and Reviewed By

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(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.