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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Emtricitabine Impurity 18

Identification:

Chemical Name: (((R)-1-(6-(((5-Fluoro-1-((2R,5S)-2-(hydroxymethyl)-1,3-oxathiolan-5-yl)-2-oxo-1,2-dihydropyrimidin-4-yl)amino)methyl)amino)-9H-purin-9-yl)propan-2-yl)oxy)methyl)phosphonic acid

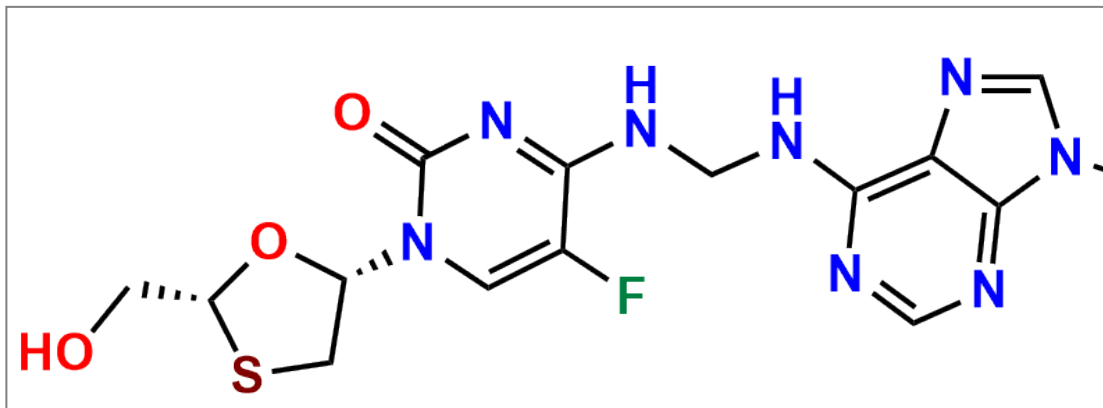
Synonyms : NA

CAS Number : 1962115-01-0

CAT Number : CP-E5050

Molecular Formula : C₁₈H₂₄FN₈O₇PS

Molecular Weight : 546.47



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

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.