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## CERTIFICATE OF ANALYSIS

Analysis Date:

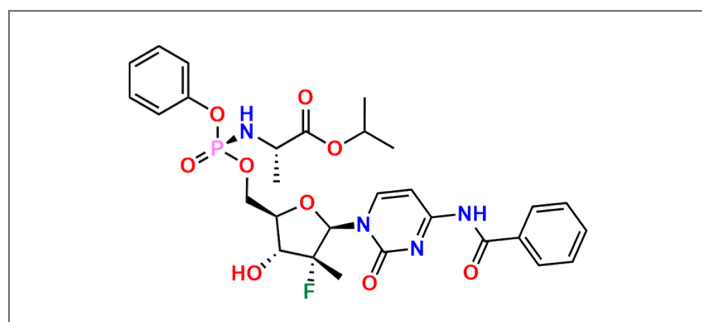
Re-test Date:

**Product Name: Sofosbuvir Impurity 101**

### Identification:

Chemical Name: Isopropyl ((S)-(((2R,3R,4R,5R)-5-(4-benzamido-2-oxopyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)-L-alaninate

Synonyms : NA  
CAS Number : 1689524-82-0  
CAT Number : CP-S45073  
Molecular Formula : C<sub>29</sub>H<sub>34</sub>FN<sub>4</sub>O<sub>9</sub>P  
Molecular Weight : 632.6



### 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.