

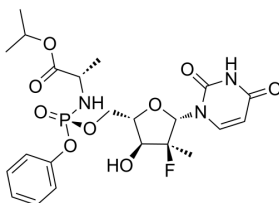
Sofosbuvir impurity D

Cat. No.: HY-I0723
Batch No.: 12802
Chemical Name: (S)-isopropyl 2-(((S)-(((2S,3S,4S,5S)-5-(2,4-dioxo-3,4-dihydropyrimidin-1(2H)-yl)-4-fluoro-3-hydroxy-4-methyltetrahydrofuran-2-yl)methoxy)(phenoxy)phosphoryl)amino)propanoate

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₂₂H₂₉FN₃O₉P
Molecular Weight: 529.45
Storage: Powder -20°C 3 years
4°C 2 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)
¹H NMR Spectrum: Consistent with structure
LCMS: Consistent with structure
Purity (LCMS): 95.47%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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