

Certificate of Analysis

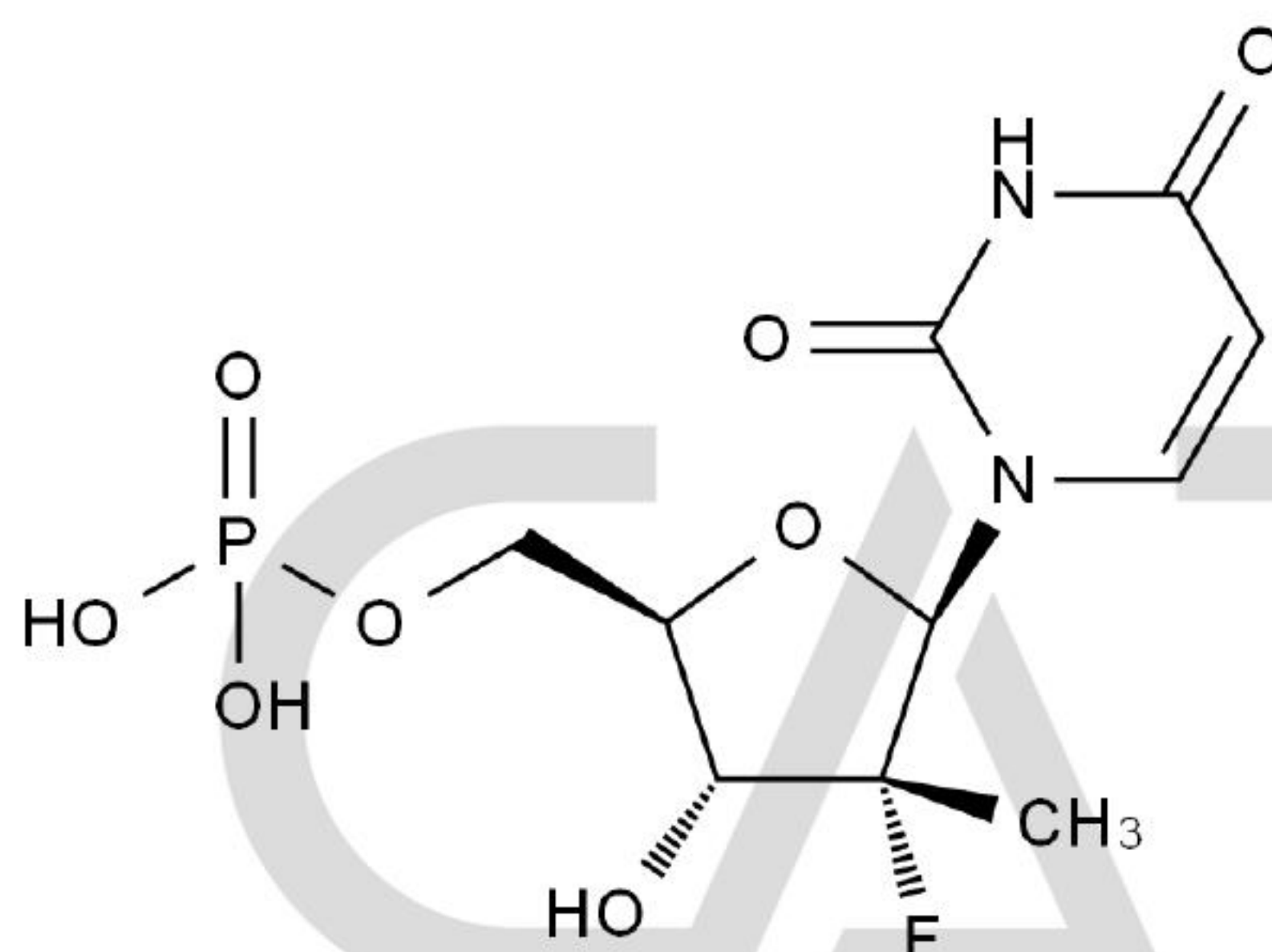
Reference Material & Standard

Product Name:	Sofosbuvir Impurity 50	Catalogue Number:	C4X-105250
Synonyms:	N/A	Lot Number:	0120-RG-0033
CAS Number:	1015073-43-4	Expiry Date:	Jan 17, 2028
Molecular Formula:	C ₁₀ H ₁₄ FN ₂ O ₈ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	340.20	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.833%
Water Content	Karl Fischer	3.78%
Residual Solvents	NMR	Not detected in NMR
Assay		94.1%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 14, 2026

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