

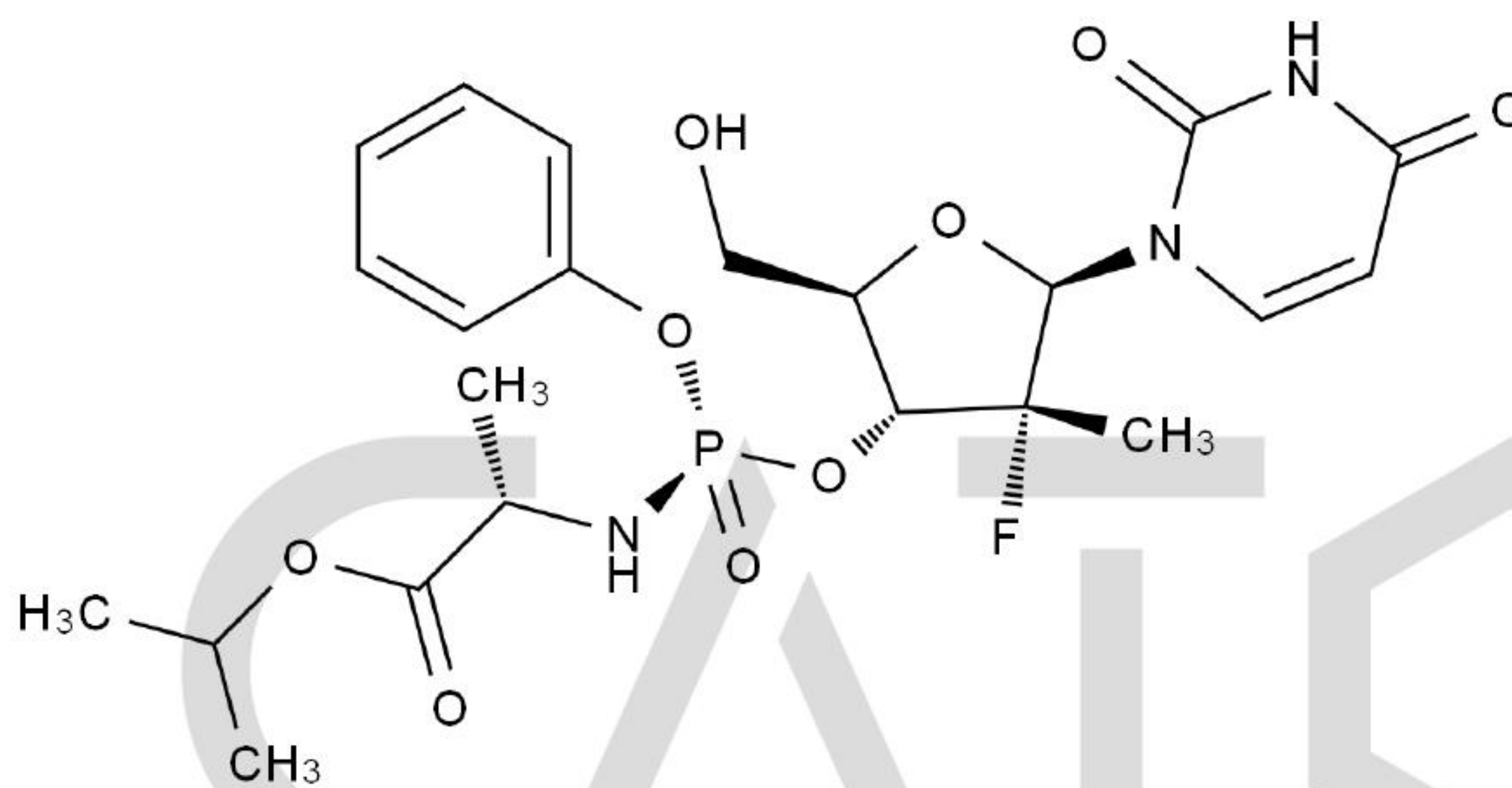
Certificate of Analysis

Reference Material & Standard

Product Name:	(S)-(2R,3R,4R,5R)-L-Sofosbuvir Isomer	Catalogue Number:	C4X-105249
Synonyms:	N/A	Lot Number:	0805-RF-0004
CAS Number:	1337482-15-1	Expiry Date:	Jul 03, 2028
Molecular Formula:	C22H29FN3O9P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	529.45	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.960%
Water Content	Karl Fischer	0.50%
Residual Solvents	NMR	1.04% Tert-butyl dimethylsilanol
Assay		97.4%

Comment:

The calculation of the 100% 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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Jul 10, 2025

Date: Jul 11, 2025

Date: Jul 11, 2025

