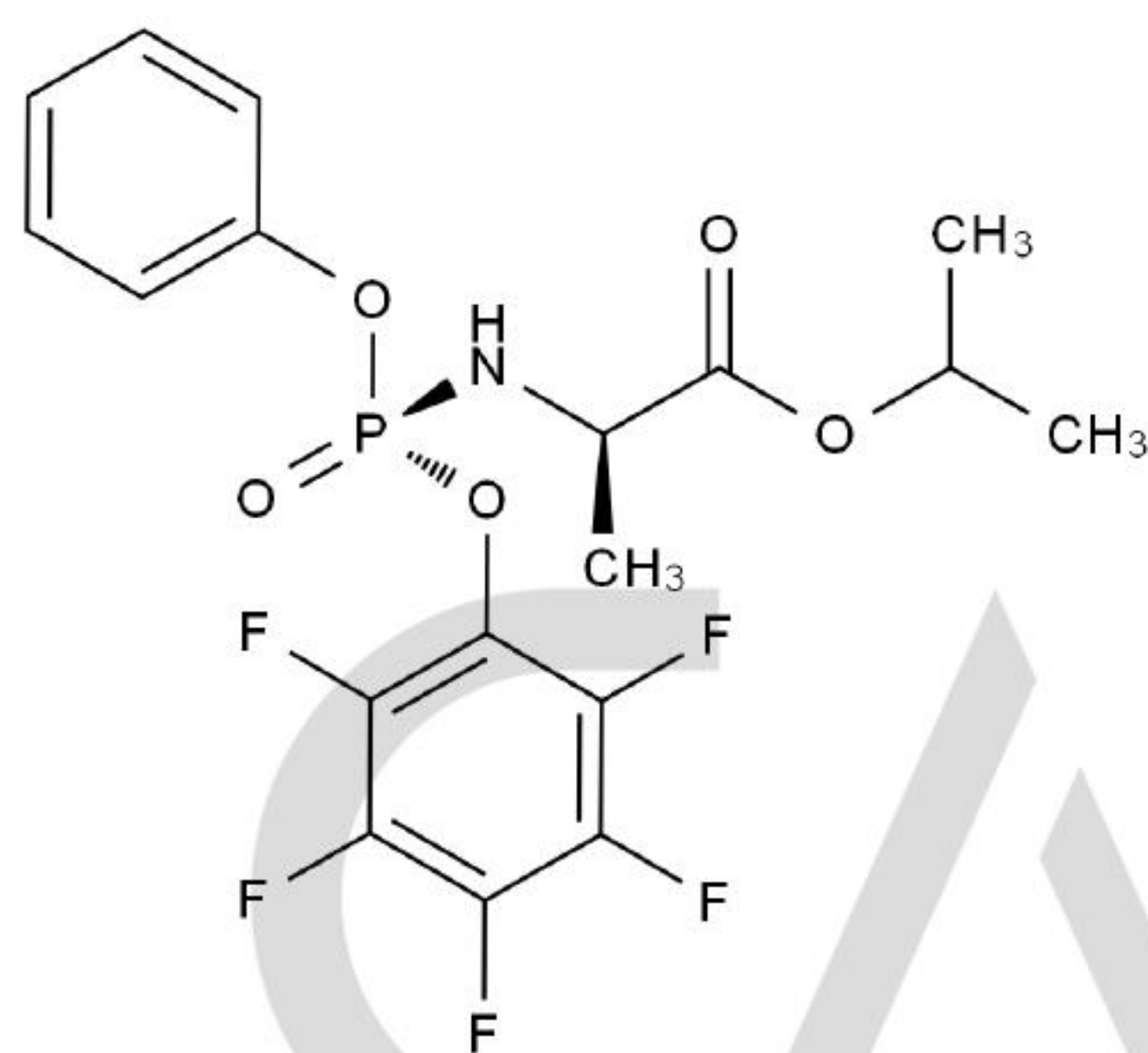


Certificate of Analysis

Reference Material & Standard

Product Name:	Sofosbuvir Impurity 59	Catalogue Number:	C4X-105259
Synonyms:	N/A	Lot Number:	0619-RG-0077
CAS Number:	1627824-09-2	Expiry Date:	Jun 12, 2028
Molecular Formula:	C ₁₈ H ₁₇ F ₅ NO ₅ P	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	453.30	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.736%
Water Content	Karl Fischer	0.53%
Residual Solvents	NMR	Not detected in NMR
Assay		98.2%

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: Jun 20, 2025

Date: Jun 20, 2025

Date: Jun 20, 2025

