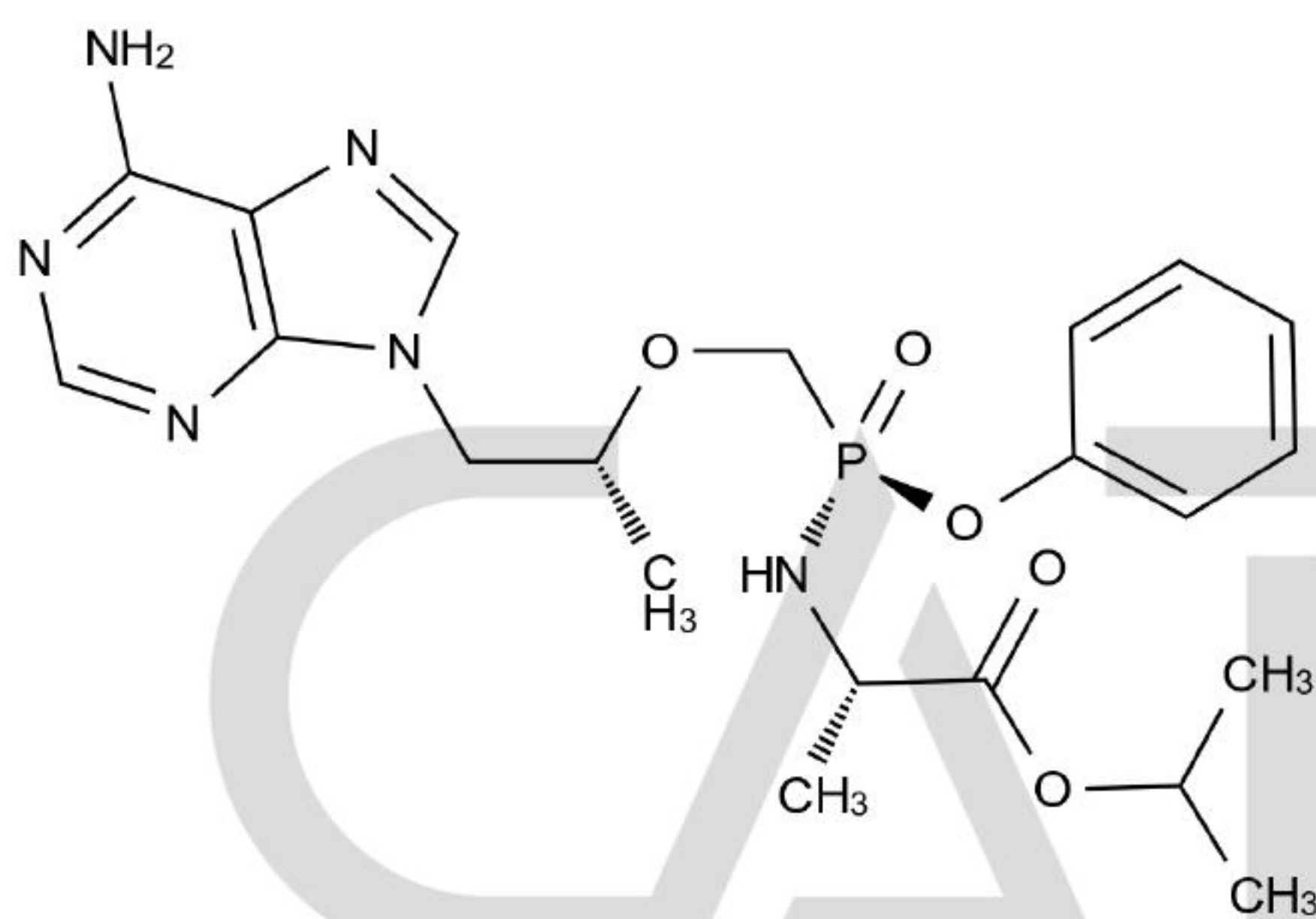


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir alafenamide Impurity 52	Catalogue Number:	C4X-179752
Synonyms:	N/A	Lot Number:	0102-RG-0026
CAS Number:	383365-04-6	Expiry Date:	Jul 15, 2028
Molecular Formula:	C ₂₁ H ₂₉ N ₆ O ₅ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	476.47		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.1620%
Loss On Drying	TGA	2.745%
Assay		96.4%

Comment:

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

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Sep 11, 2025

Date: Sep 11, 2025

Date: Sep 11, 2025



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