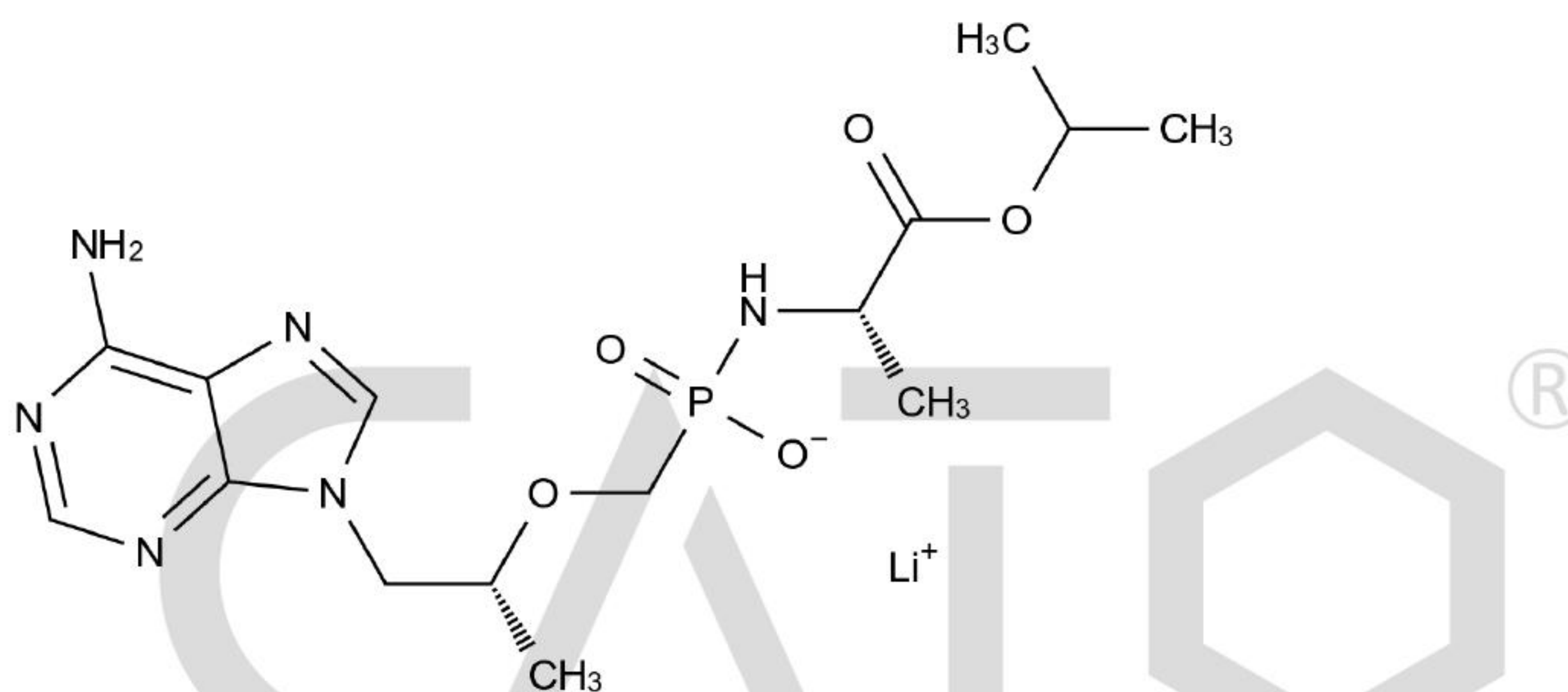


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir alafenamide impurity 71	Catalogue Number:	C4X-179771
Synonyms:	N/A	Lot Number:	1222-RG-0010
CAS Number:	851456-00-3(free base)	Expiry Date:	Jun 25, 2028
Molecular Formula:	C ₁₅ H ₂₄ N ₆ O ₅ P Li	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	399.36 6.94	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.0074%
Loss On Drying	TGA	2.240%
Assay		92.9%

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:

Reviewed by:

Approved by General Manager:

Date: Dec 23, 2025

Date: Dec 23, 2025

Date: Dec 23, 2025



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