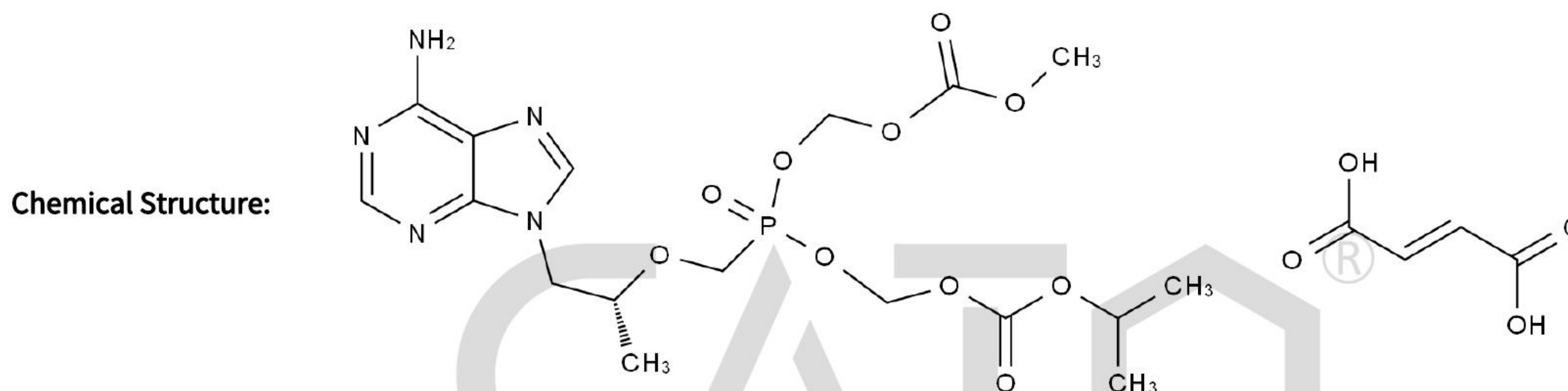


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir disoproxil Impurity 17	Catalogue Number:	C4X-107617
Synonyms:	N/A	Lot Number:	1113-RG-0052
CAS Number:	N/A	Expiry Date:	Nov 12, 2029
Molecular Formula:	C ₁₇ H ₂₆ N ₅ O ₁₀ P C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	491.39 116.07	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	96.003%
Residue on Ignition	Muffle Furnace	0.06%
Loss On Drying	TGA	0.5423%
Assay		95.4%

Comment:

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

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

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Nov 13, 2025

Date: Nov 14, 2025

Date: Nov 14, 2025



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