

Certificate of Analysis

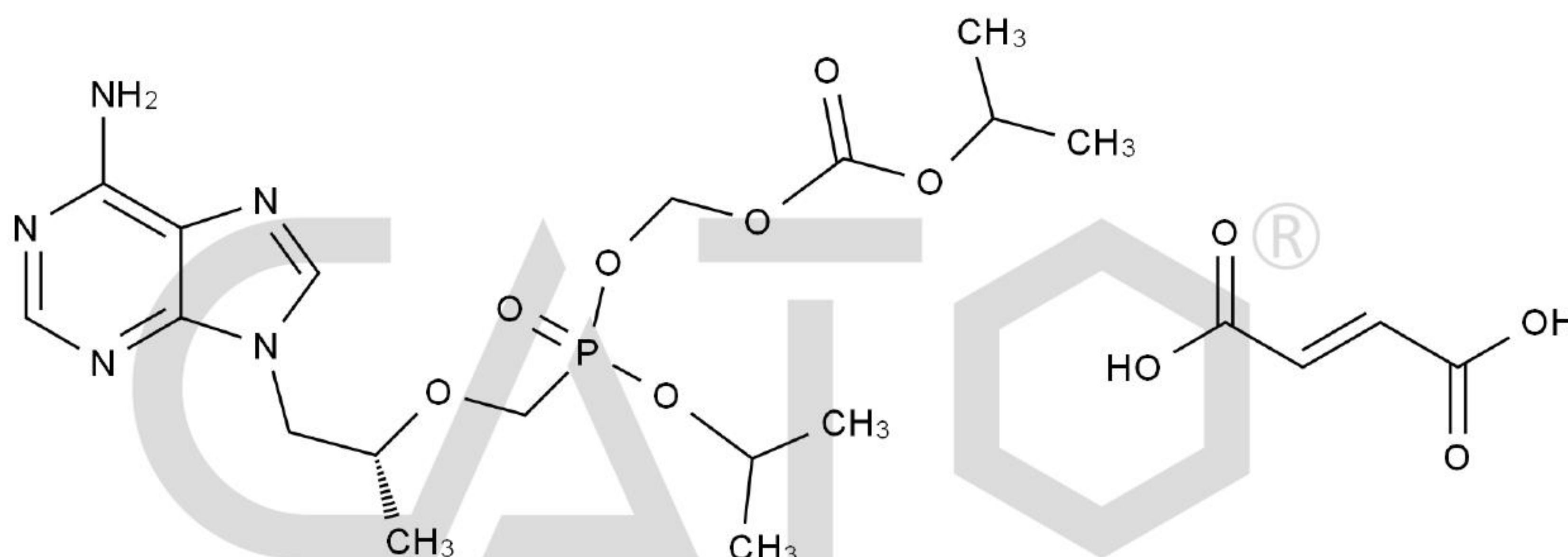
Reference Material & Standard

Product Name:	Tenofovir Disoproxil USP Related Compound G	Catalogue Number:	C4X-107611
Synonyms:	N/A	Lot Number:	0304-RH-0100
CAS Number:	1422284-15-8	Expiry Date:	Nov 24, 2029
Molecular Formula:	C ₁₇ H ₂₈ N ₅ O ₇ P C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	445.41 116.07	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.441%
Water Content	Karl Fischer	0.59%
Residual Solvents	NMR	1.61% isopropanol
Assay		97.3%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 05, 2026

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