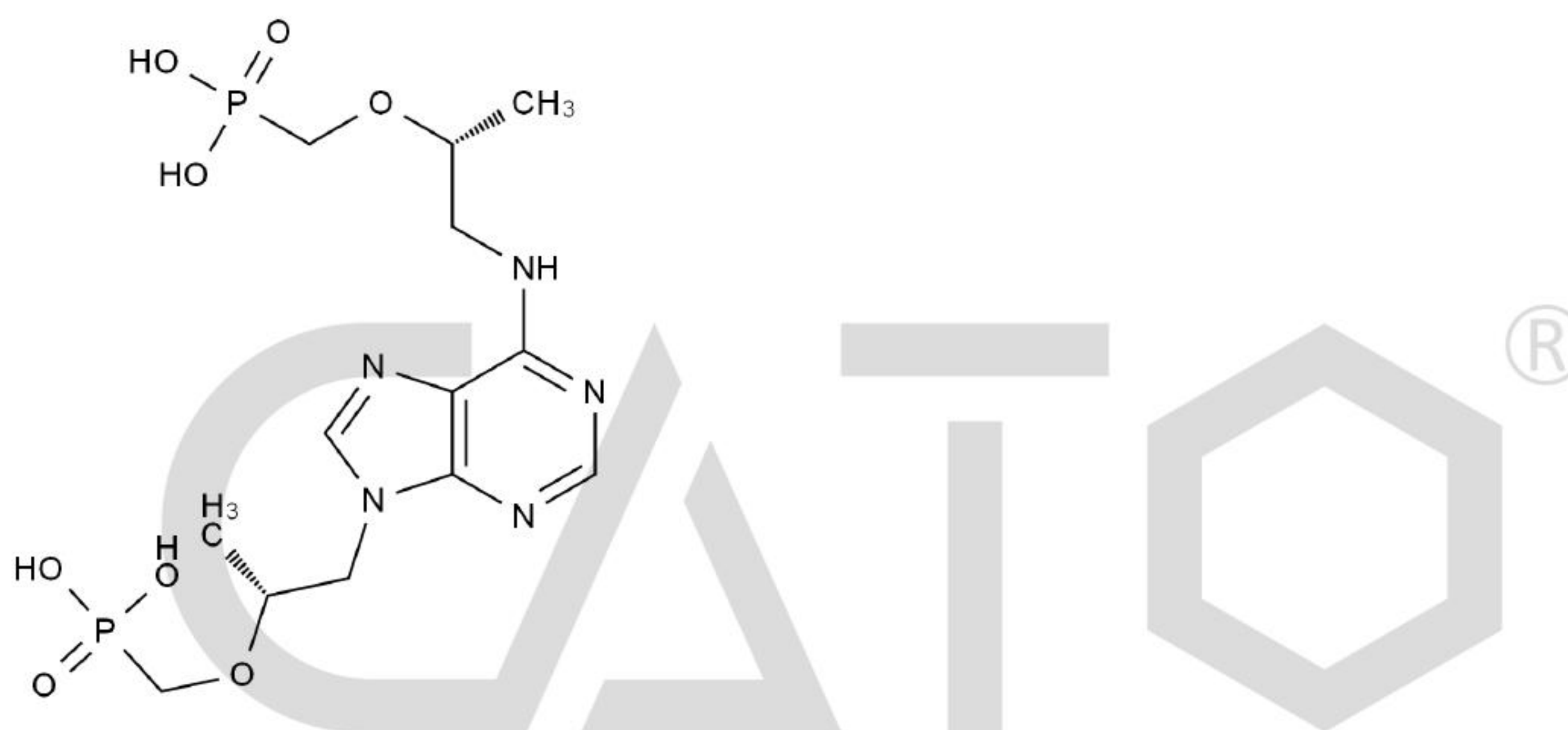


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir disoproxil Impurity 54	Catalogue Number:	C4X-107654
Synonyms:	N/A	Lot Number:	0330-RH-0011
CAS Number:	1878175-76-8	Expiry Date:	Mar 29, 2030
Molecular Formula:	C ₁₃ H ₂₃ N ₅ O ₈ P ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	439.30	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.590%
Loss On Drying	TGA	1.561%
Assay		98.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Mar 30, 2026

Date: Mar 30, 2026

Date: Mar 30, 2026



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