

Certificate of Analysis

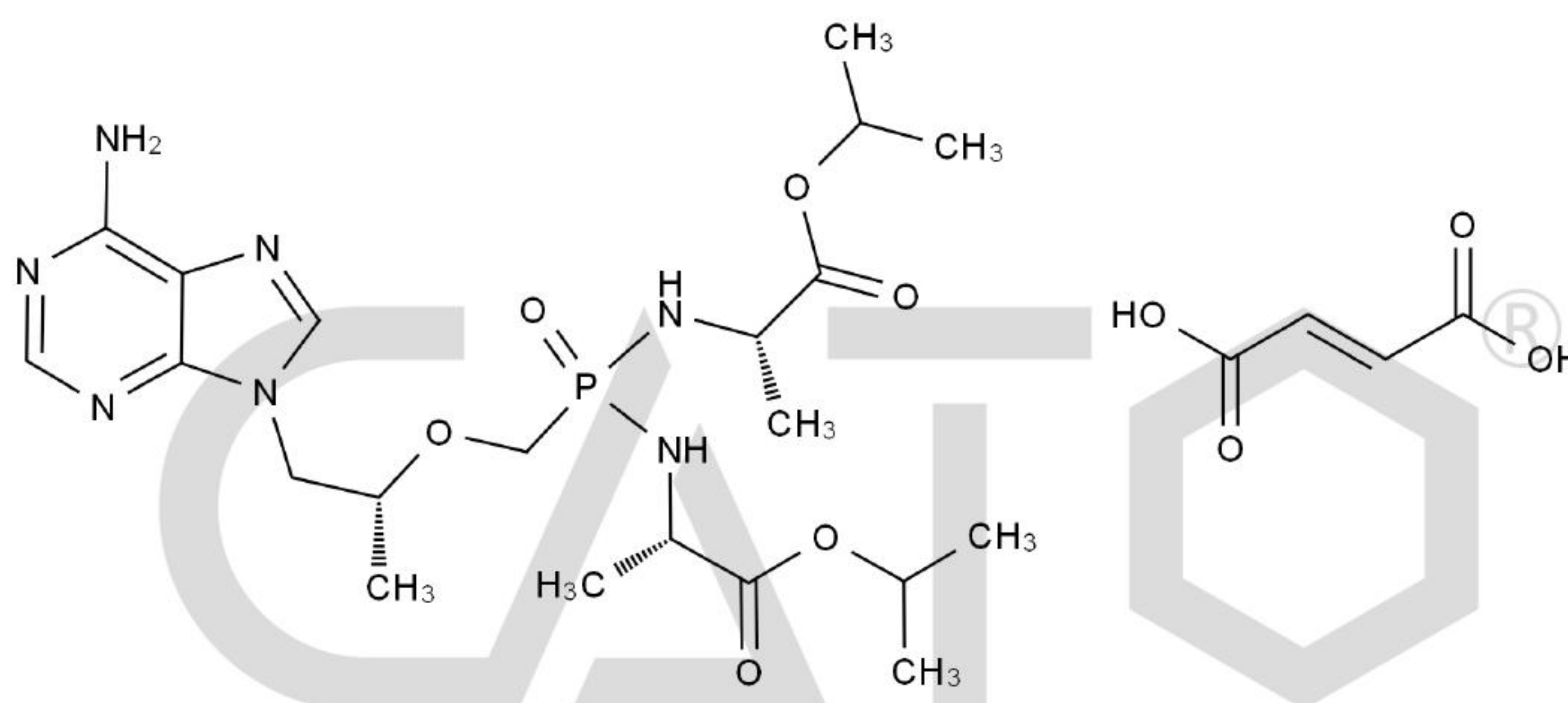
Reference Material & Standard

Product Name:	Tenofovir Alafenamide Impurity 2	Catalogue Number:	C4X-17972
Synonyms:	N/A	Lot Number:	0811-RG-0101
CAS Number:	1883563-86-7	Expiry Date:	Aug 06, 2029
Molecular Formula:	C ₂₁ H ₃₆ N ₇ O ₆ P C ₄ H ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	513.53 116.07	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	97.312%
Water Content	Karl Fischer	0.48%
Residual Solvents	NMR	Not detected in NMR
Assay		96.8%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 06, 2026

Date: Jul 07, 2026

Date: Jul 07, 2026



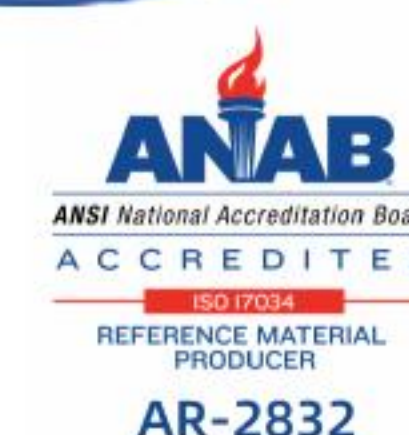
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