

Certificate of Analysis

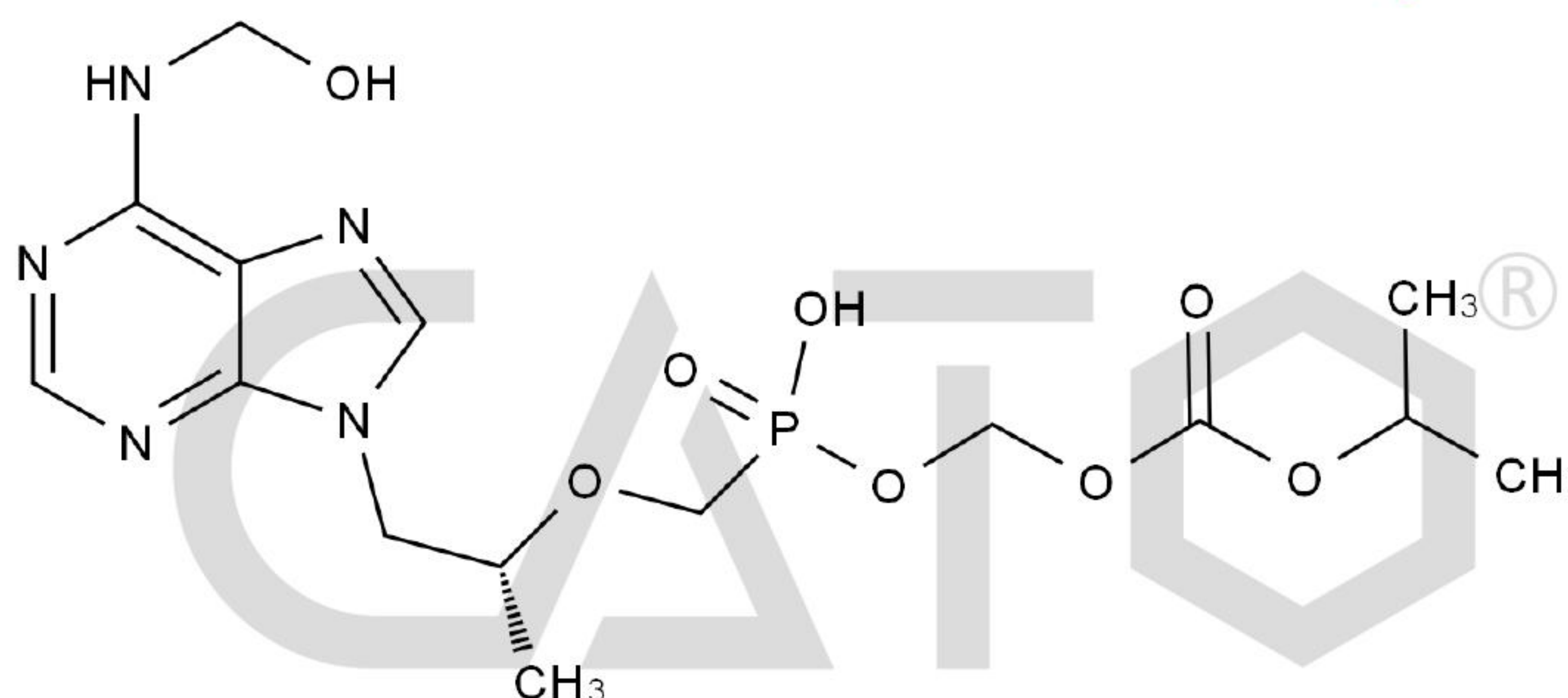
Reference Material & Standard

Product Name:	Tenofovir disoproxil Impurity 21	Catalogue Number:	C4X-107621
Synonyms:	N/A	Lot Number:	0908-RH-0091
CAS Number:	1244022-55-6	Expiry Date:	Sep 09, 2030
Molecular Formula:	C ₁₅ H ₂₄ N ₅ O ₈ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	433.35	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	87.8207%
Loss on Drying	TGA	2.1473%
Assay		85.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 10, 2026

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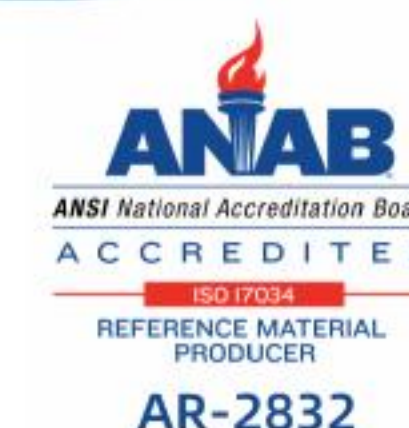
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