

Certificate of Analysis

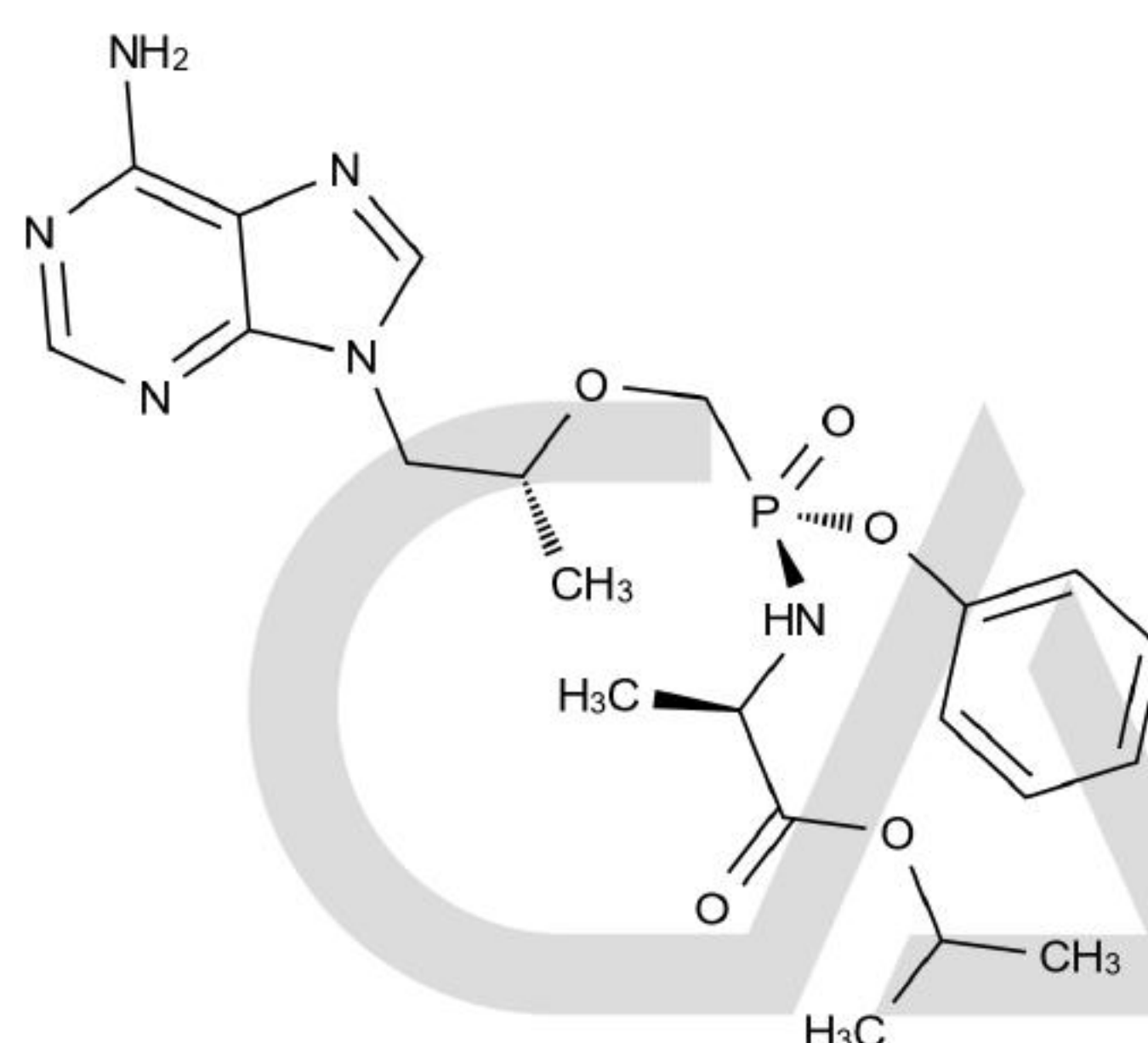
Reference Material & Standard

Product Name:	Tenofovir alafenamide Impurity 43	Catalogue Number:	C4X-179743
Synonyms:	N/A	Lot Number:	0413-RF-0022
CAS Number:	2053424-82-9	Expiry Date:	Apr 14, 2027
Molecular Formula:	C ₂₁ H ₂₉ N ₆ O ₅ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	476.47		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.0622%
Loss on Drying	TGA	2.598%
Assay		94.5%

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:

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Hinlam

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Date: Apr 16, 2024

Date: Apr 18, 2024

Date: Apr 18, 2024



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