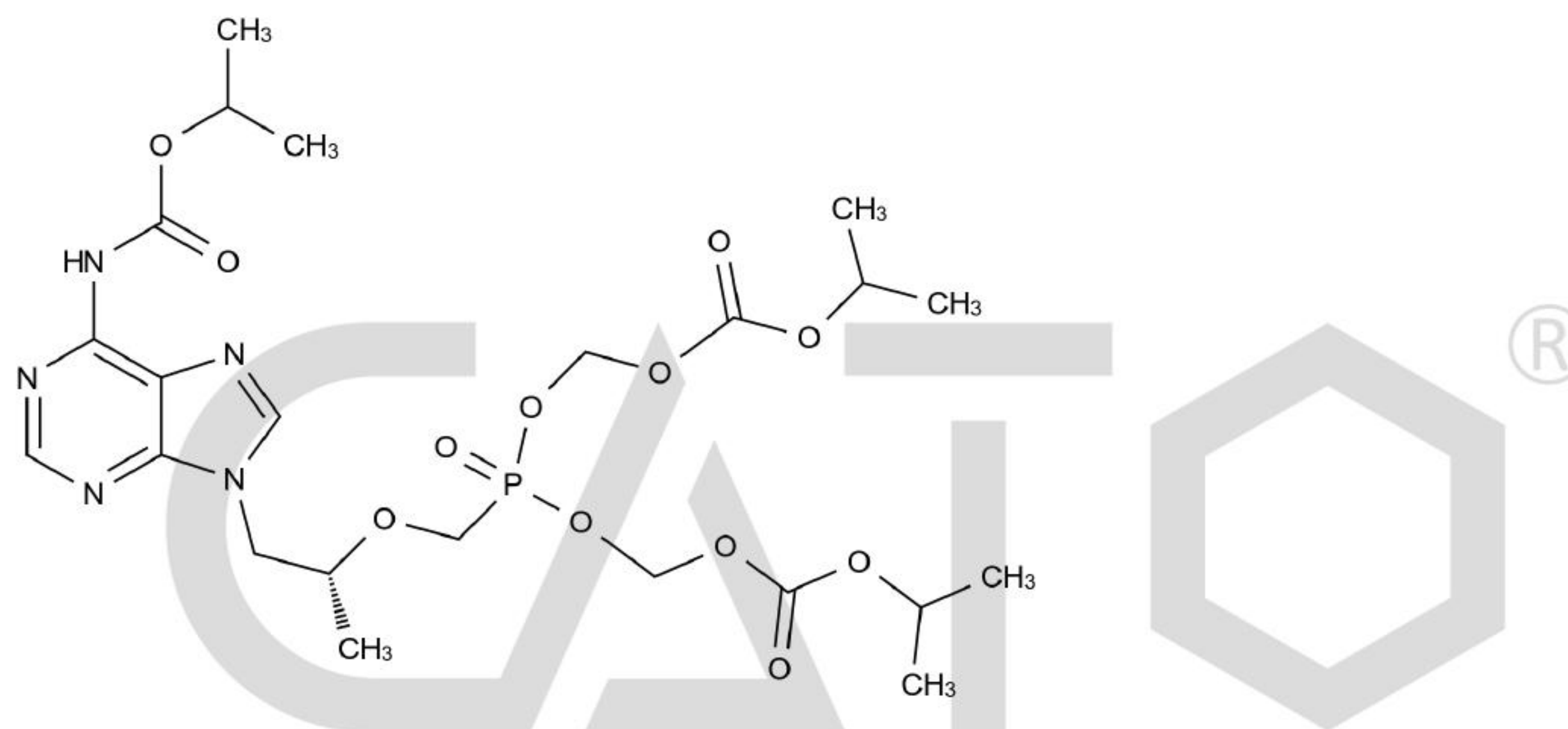


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir disoproxil Impurity 13	Catalogue Number:	C4X-107613
Synonyms:	N/A	Lot Number:	0605-RH-0012
CAS Number:	1244022-54-5	Expiry Date:	Jan 06, 2030
Molecular Formula:	C ₂₃ H ₃₆ N ₅ O ₁₂ P	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	605.53	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	96.438%
Water Content	Karl Fischer	0.23%
Assay		96.2%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hin Lam

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jun 05, 2026

Date: Jun 08, 2026

Date: Jun 08, 2026



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