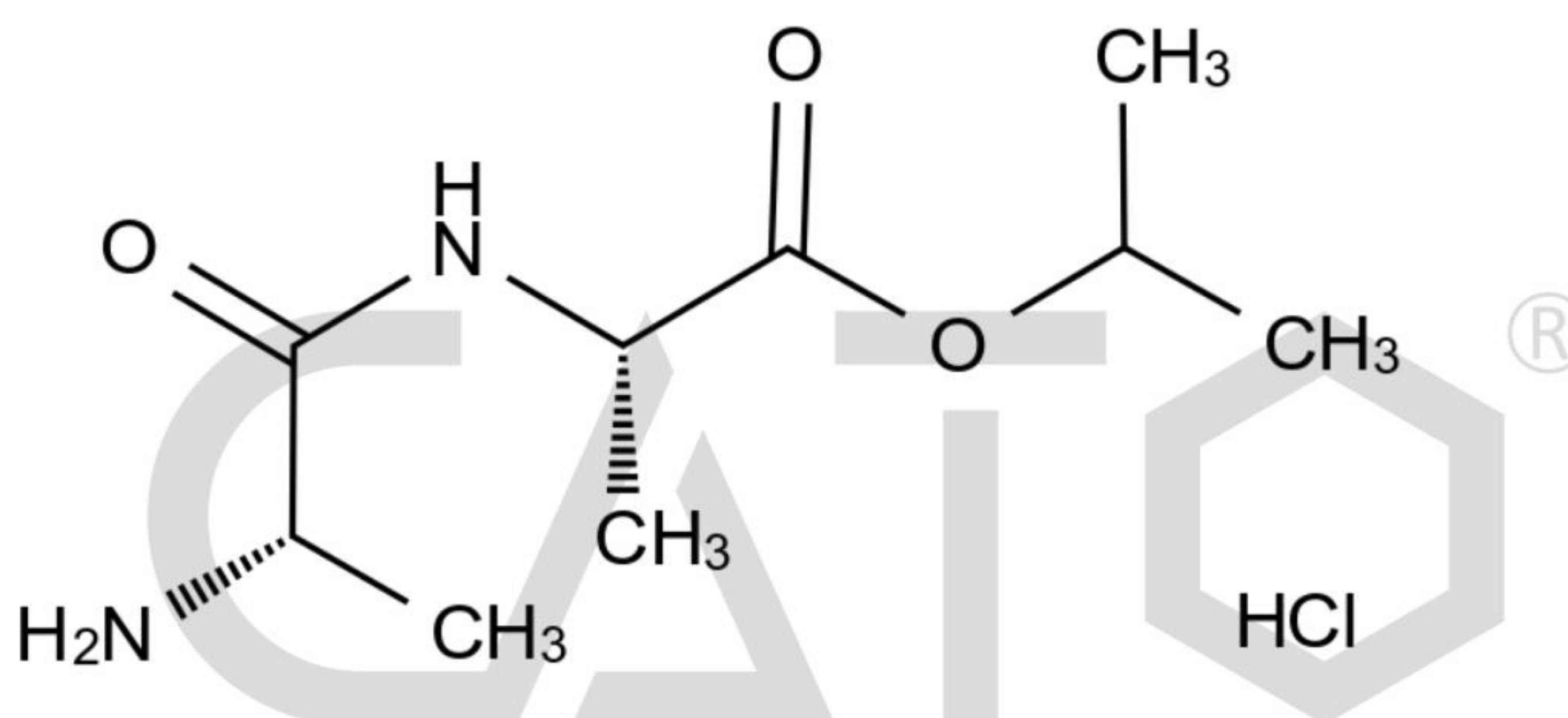


Certificate of Analysis

Reference Material & Standard

Product Name:	Tenofovir Alafenamide Impurity 27 HCl	Catalogue Number:	C4X-179727
Synonyms:	N/A	Lot Number:	0511-RH-0164
CAS Number:	431949-21-2(Free)	Expiry Date:	May 10, 2030
Molecular Formula:	C ₉ H ₁₈ N ₂ O ₃ HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	202.25 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	96.3567%
Loss on Drying	TGA	1.125%
Assay		95.3%

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:

Reviewed by:

Approved by General Manager:

Date: May 12, 2026

Date: May 12, 2026

Date: May 12, 2026



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