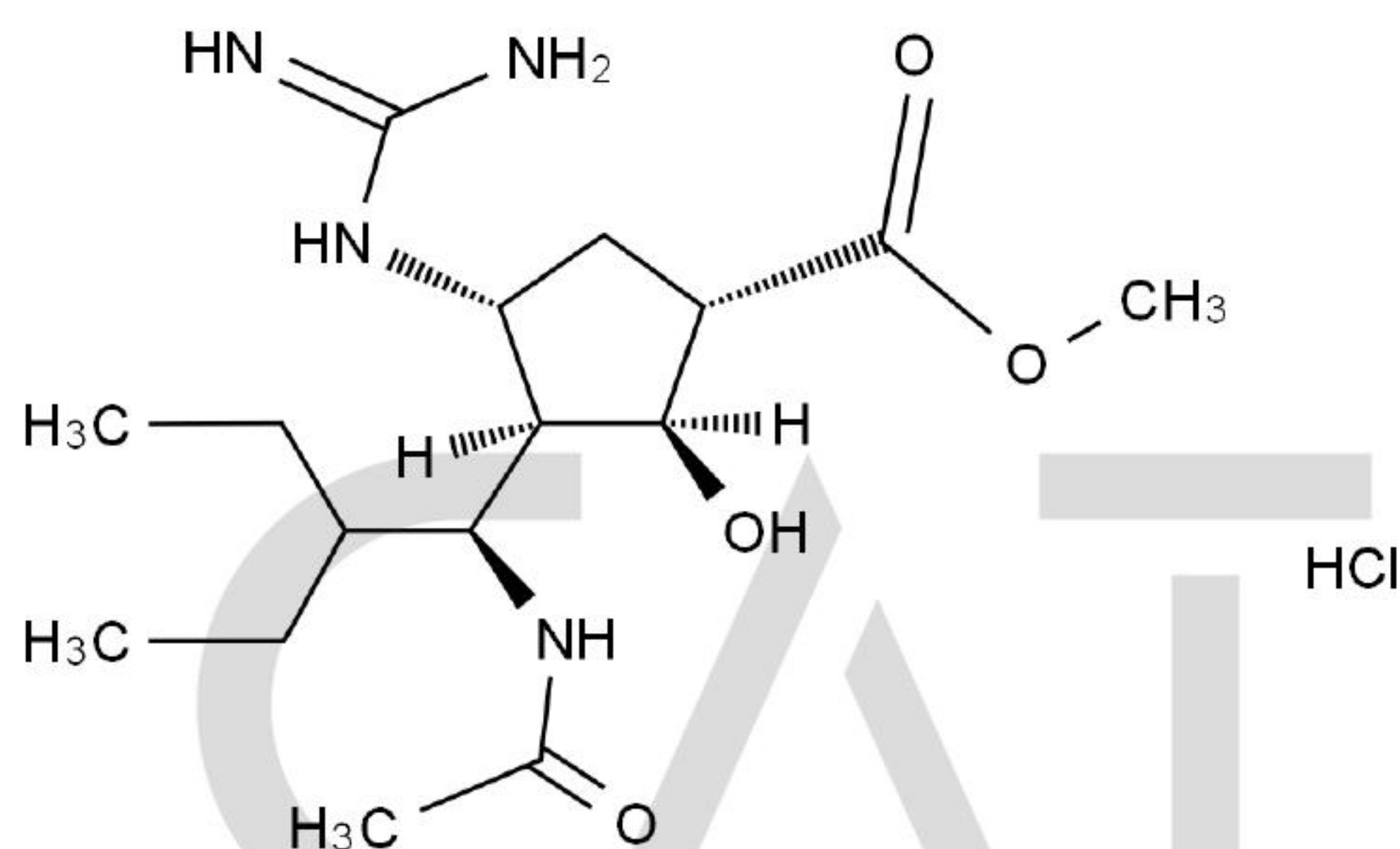


Certificate of Analysis

Reference Material & Standard

Product Name:	Peramivir Impurity 52 HCl	Catalogue Number:	C4X-183352
Synonyms:	N/A	Lot Number:	0731-RE-0067
CAS Number:	229614-51-1(Free Base)	Expiry Date:	Apr 12, 2025
Molecular Formula:	C ₁₆ H ₃₀ N ₄ O ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	342.43 36.46	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.314%
Water Content	Karl Fischer	2.33%
Residual Solvents	NMR	1.26% Methyl tert-Butyl Ether
Assay		95.7%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 01, 2023

Date: Aug 01, 2023

Date: Aug 01, 2023



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