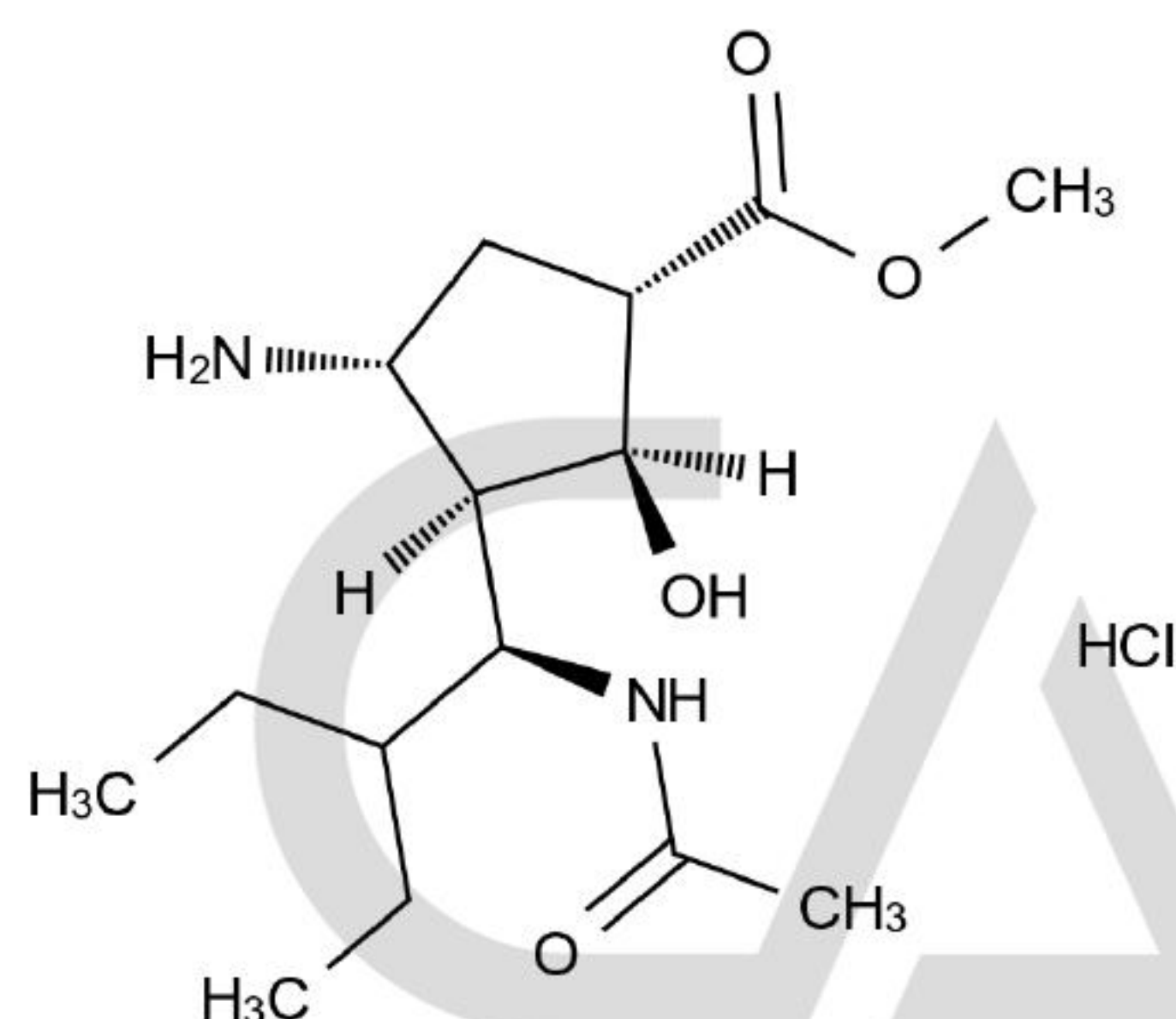


Certificate of Analysis

Reference Material & Standard

Product Name:	Peramivir Impurity 49 HCl	Catalogue Number:	C4X-183349
Synonyms:	methyl (1S,2S,3R,4R)-3-((S)-1-acetamido-2-ethylbutyl)-4-amino-2-hydroxycyclopentane-1-carboxylate	Lot Number:	0318-RF-0061
CAS Number:	229614-17-9	Expiry Date:	Mar 04, 2030
Molecular Formula:	C ₁₅ H ₂₈ N ₂ O ₄ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	300.39 36.46	Shipping Condition:	Shipping at Room Temperature
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	96.958%
Loss On Drying	TGA	0.0203%
Assay		96.9%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 05, 2026

Date: Mar 05, 2026

Date: Mar 05, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

