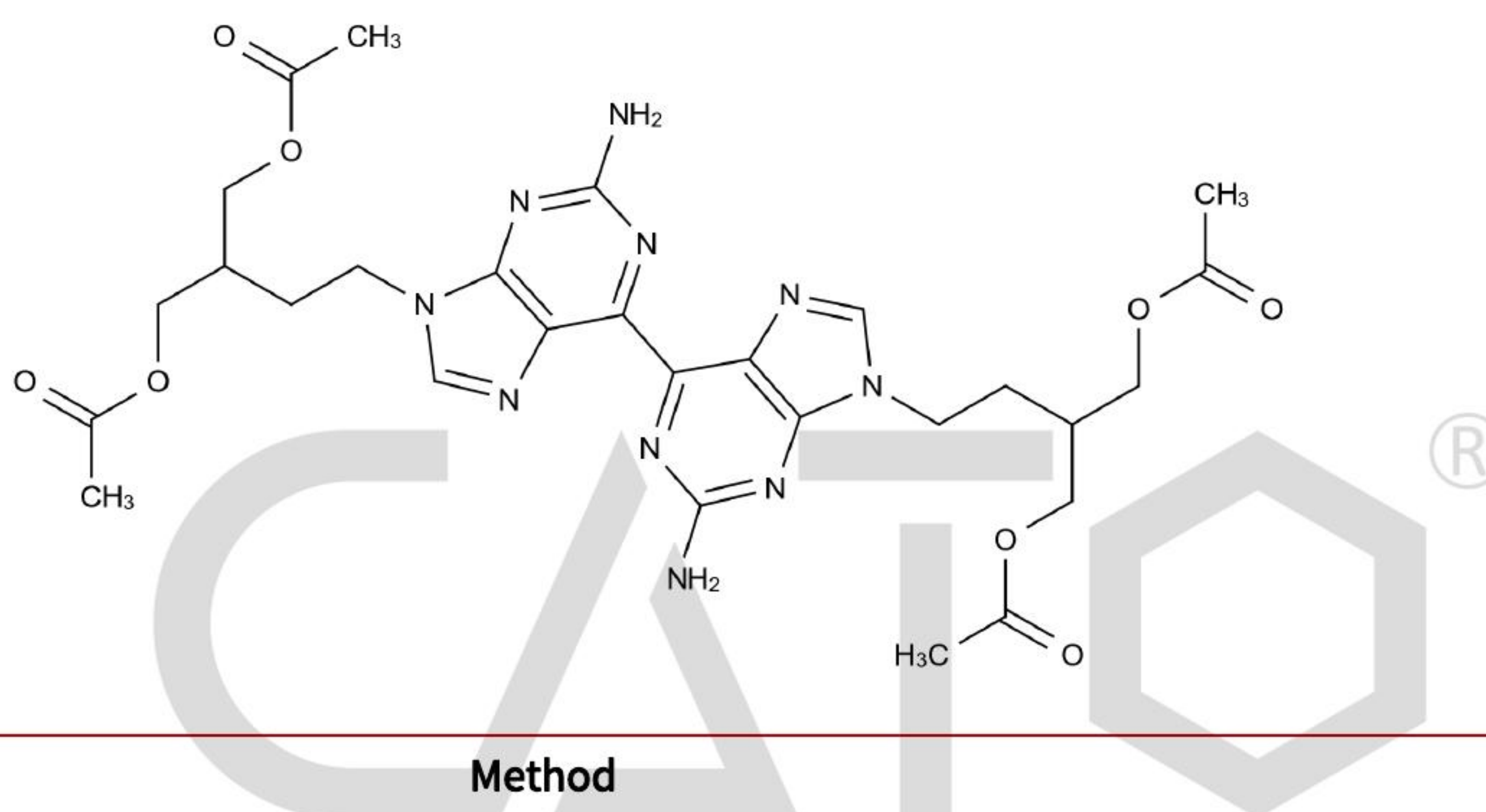


Certificate of Analysis

Reference Material & Standard

Product Name:	Famciclovir Impurity 20	Catalogue Number:	C4X-164220
Synonyms:	N/A	Lot Number:	0115-RF-0025
CAS Number:	N/A	Expiry Date:	Jan 03, 2027
Molecular Formula:	C ₂₈ H ₃₆ N ₁₀ O ₈	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	640.65		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.1656%
Water Content	Karl Fischer	0.20%
Residual Solvents	NMR	Not detected in NMR
Assay		98.0%

Comment:

- The compound contains 1.3% isomeric impurity (RT 7.48) according to its HPLC and LC-MS.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$$
 Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aproved by General Manager:

David

Date: Jan 15, 2024

Date: Jan 15, 2024

Date: Jan 15, 2024

