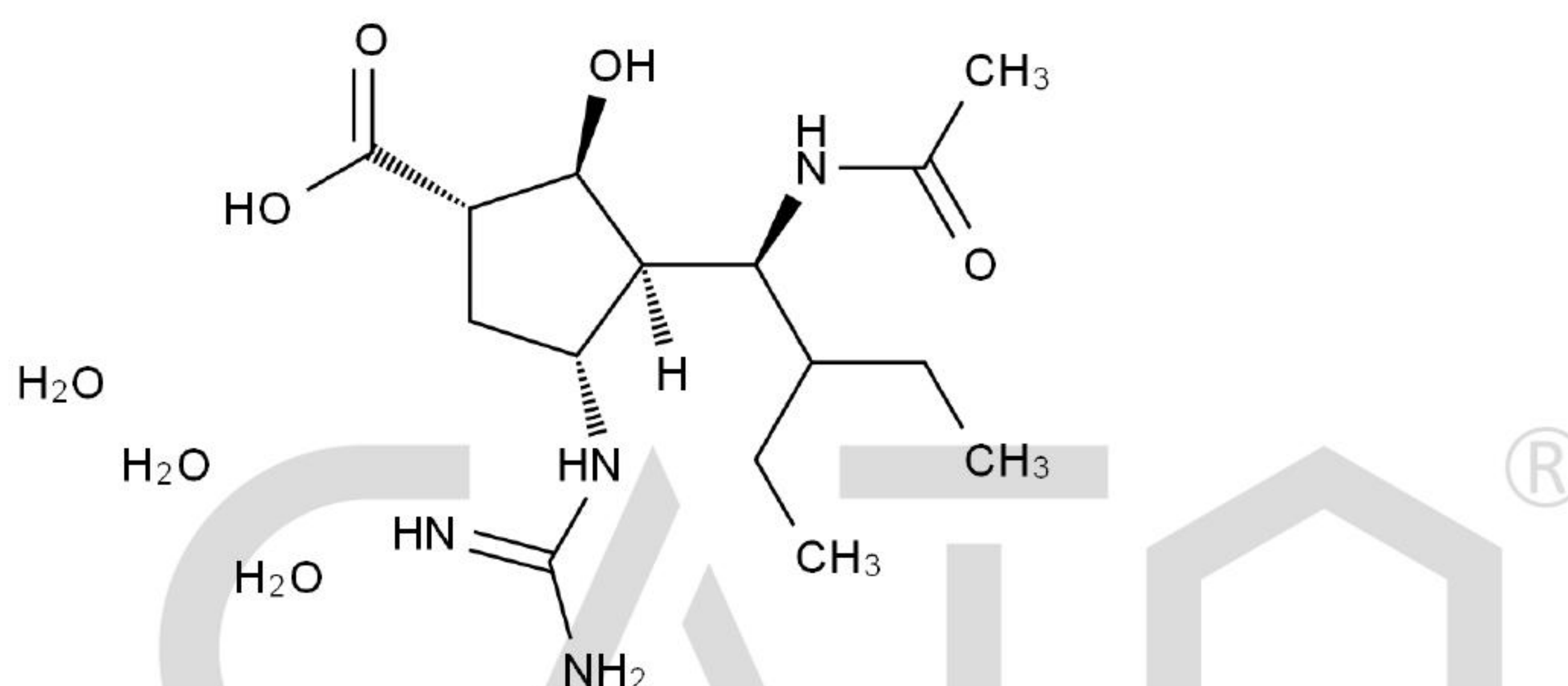


Certificate of Analysis

Reference Material & Standard

Product Name:	Peramivir Trihydrate	Catalogue Number:	C4X-1833
Synonyms:	N/A	Lot Number:	0115-RF-0021
CAS Number:	1041434-82-5	Expiry Date:	Jan 19, 2027
Molecular Formula:	C ₁₅ H ₂₈ N ₄ O ₄ · 3H ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	328.41 · 3 · 18.02		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.826%
Loss On Drying	TGA	11.9811%
Loss On Drying(Free Water)		ND
Assay		99.8%

Comment:

- The content of crystal water is 14.1300%.
- The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Loss On Drying(Free Water)}) \times \text{Purity HPLC (\%)} / 100\%$$
 Loss On Drying(Free Water) is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: Jan 20, 2024

Date: Jan 22, 2024

Date: Jan 22, 2024

