

# Certificate of Analysis

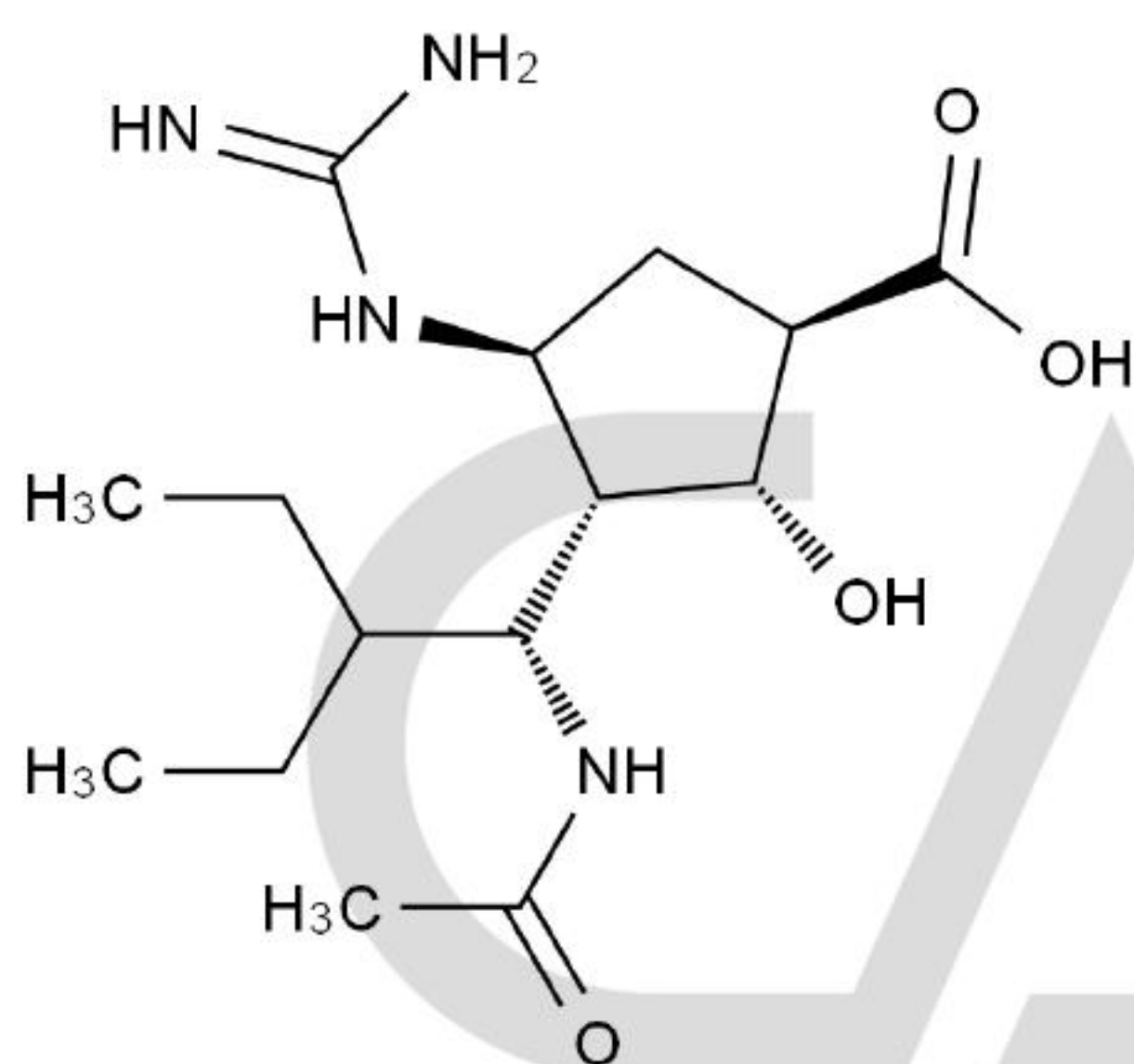
## Reference Material & Standard

|                           |                                                                                                    |                            |                                           |
|---------------------------|----------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Peramivir Impurity 32                                                                              | <b>Catalogue Number:</b>   | C4X-183332                                |
| <b>Synonyms:</b>          | (1R,2R,3S,4S)-3-((R)-1-acetamido-2-ethylbutyl)-4-guanidino-2-hydroxycyclopentane-1-carboxylic acid | <b>Lot Number:</b>         | 1110-RG-0052                              |
| <b>CAS Number:</b>        | 229615-12-7                                                                                        | <b>Expiry Date:</b>        | Aug 20, 2028                              |
| <b>Molecular Formula:</b> | C <sub>15</sub> H <sub>28</sub> N <sub>4</sub> O <sub>4</sub>                                      | <b>Storage:</b>            | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 328.41                                                                                             | <b>Shipping Condition:</b> | Shipping at Room Temperature              |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 97.0%       |
| Assay          | qNMR              | 96.6%       |

**Signature:**

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Date: Nov 10, 2025

Date: Nov 11, 2025

Date: Nov 11, 2025



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