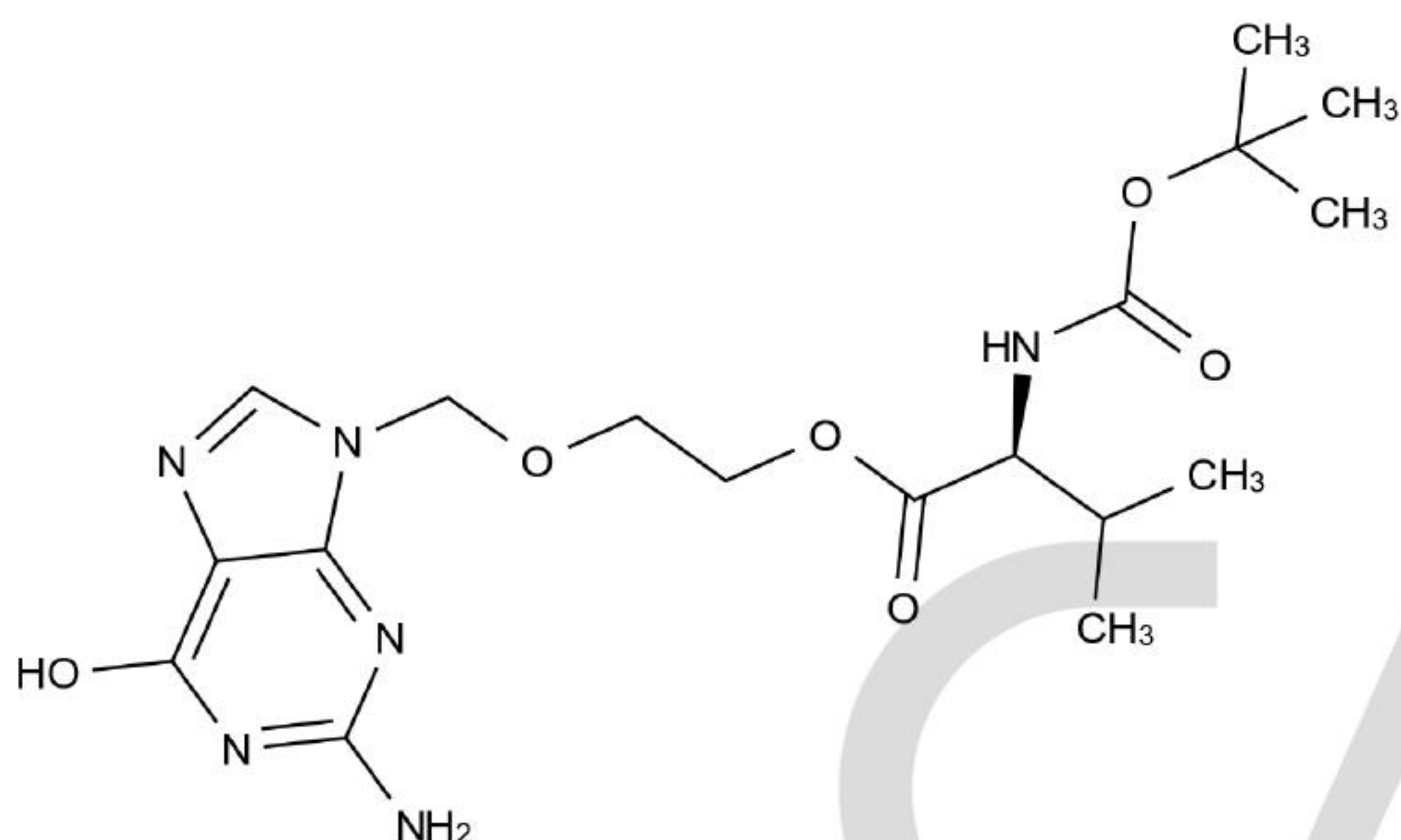


# Certificate of Analysis

## Reference Material & Standard

|                            |                                                               |                          |                                           |
|----------------------------|---------------------------------------------------------------|--------------------------|-------------------------------------------|
| <b>Product Name:</b>       | N-t-Boc Valacyclovir                                          | <b>Catalogue Number:</b> | C4X-124846                                |
| <b>Synonyms:</b>           | N/A                                                           | <b>Lot Number:</b>       | 0927-RE-0074                              |
| <b>CAS Number:</b>         | 502421-44-5                                                   | <b>Expiry Date:</b>      | Oct 08, 2027                              |
| <b>Molecular Formula:</b>  | C <sub>18</sub> H <sub>28</sub> N <sub>6</sub> O <sub>6</sub> | <b>Storage:</b>          | 2°C ~ 8°C Protected from light and Sealed |
| <b>Molecular Weight:</b>   | 424.45                                                        |                          |                                           |
| <b>Chemical Structure:</b> |                                                               |                          |                                           |



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.890%     |
| Loss On Drying | TGA               | 3.1840%     |
| Assay          |                   | 96.7%       |

## Comment:

The calculation of the 100% 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:

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Reviewed by:

*Koi*

Aporoved by General Manager:

*David*

Date: Oct 09, 2023

Date: Oct 09, 2023

Date: Oct 09, 2023

