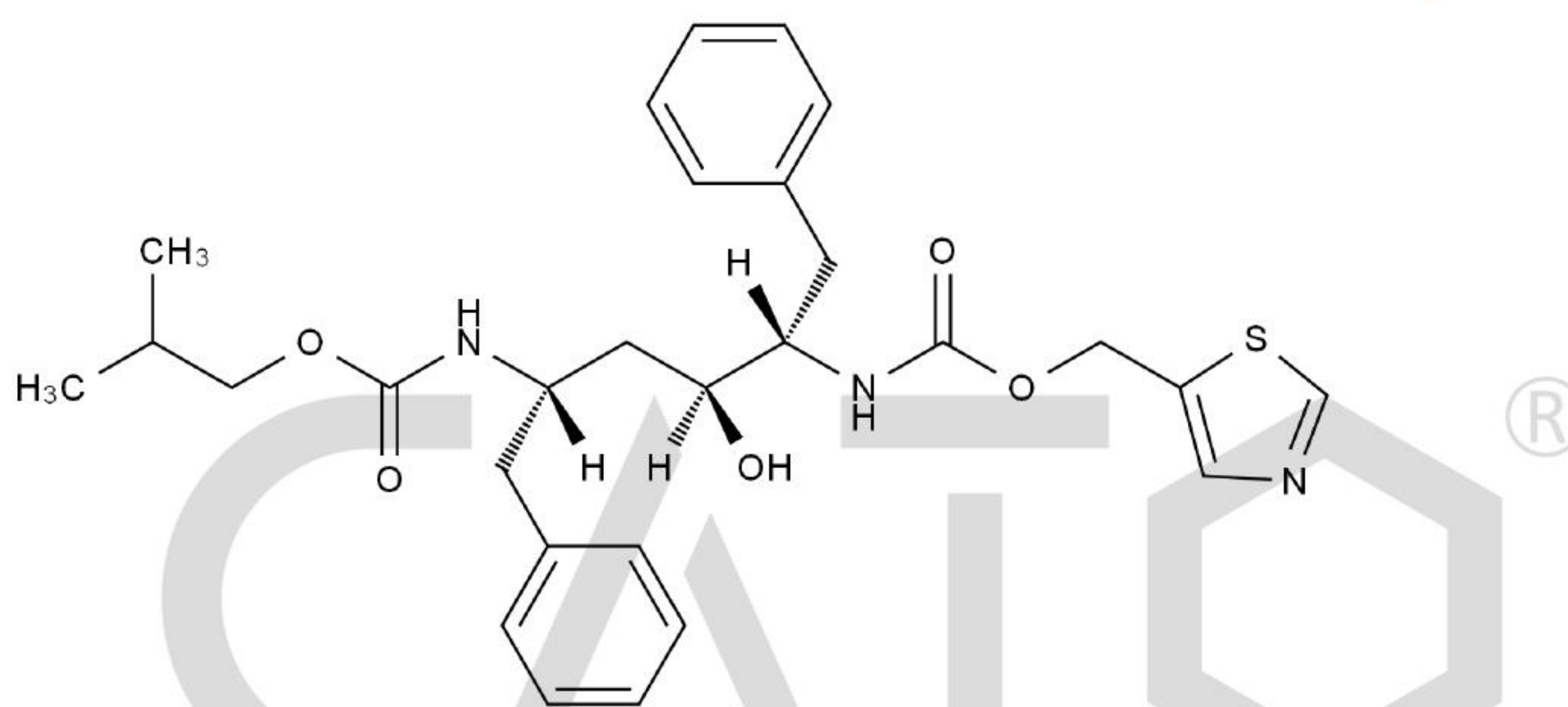


# Certificate of Analysis

## Reference Material & Standard

|                    |                                                                 |                   |                                                                                     |
|--------------------|-----------------------------------------------------------------|-------------------|-------------------------------------------------------------------------------------|
| Product Name:      | Ritonavir EP Impurity K                                         | Catalogue Number: | C4X-175111                                                                          |
| Synonyms:          | N/A                                                             | Lot Number:       | 0415-RG-0014                                                                        |
| CAS Number:        | 1010809-39-8                                                    | Expiry Date:      | Apr 15, 2028                                                                        |
| Molecular Formula: | C <sub>28</sub> H <sub>35</sub> N <sub>3</sub> O <sub>5</sub> S | Storage:          | 2°C ~ 8°C Protected from light and Sealed                                           |
| Molecular Weight:  | 525.66                                                          | Warning:          |  |

## Chemical Structure:



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.317%     |
| Loss On Drying | TGA               | 0.0451%     |
| Assay          |                   | 99.3%       |

## 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:

*Nice*

Reviewed by:

*Koi*

Approved by General Manager:

*David*

Date: Apr 16, 2025

Date: Apr 16, 2025

Date: Apr 16, 2025

