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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

**Product Name: Atazanavir EP Impurity C**

### Identification:

Chemical Name: Methyl [(5S,10S,11S,14S)-11-benzyl-5-tert-butyl-10-hydroxy-15,15-dimethyl-3,6,13-trioxo-2-oxa-4,7,8,12-tetraazahexadecan-14-yl]carbamate (as per EP & USP)

Synonyms : Dealkyl atazanavir ;  
Des(benzylpyridyl) Atazanavir

CAS Number : 1192224-24-0

CAT Number : CP-A28003

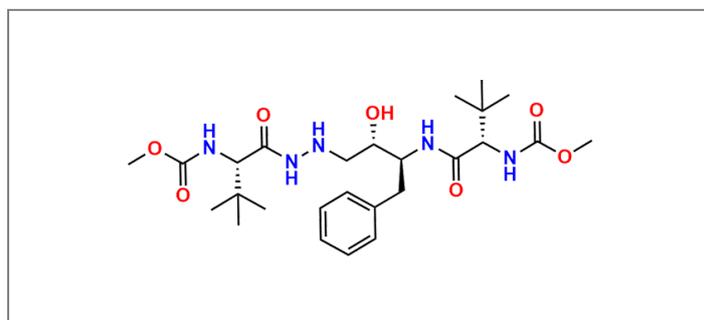
Molecular Formula : C<sub>26</sub>H<sub>43</sub>N<sub>5</sub>O<sub>7</sub>

Molecular Weight : 537.65

Batch Number : CHEM-ATA-C

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test                | Result                   |
|---------|---------------------|--------------------------|
| 1)      | Description         | White Solid              |
| 2)      | Solubility          | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS        | Confirm to structure     |
| 4)      | Purity By HPLC      | 97.17%                   |
| 5)      | <sup>1</sup> H NMR  | Confirm to structure     |
| 6)      | <sup>13</sup> C NMR | Confirm to structure     |
| 7)      | IR                  | Confirm to structure     |
| 8)      | Weight loss by TGA  | 2.967%                   |
| 9)      | Potency by TGA      | 94.29%                   |



**Prepared and Reviewed By**

A handwritten signature in blue ink, appearing to read "Priyanka Salunkhe".

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

A handwritten signature in blue ink, appearing to read "Rohini Gagare".

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.