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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ritonavir EP Impurity J**

### Identification:

Chemical Name: Thiazol-5-yl-methyl [(1S,2S,4S)-1-benzyl4-[[[(1,1-dimethylethoxy)carbonyl] amino]-2-hydroxy-5-phenylpentyl]carbamate (as per EP)

Synonyms : Ritonavir BOC-Aminoalcohol (USP)

CAS Number : 162849-95-8

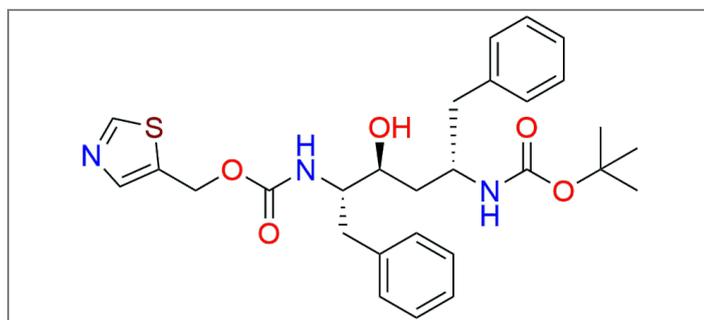
CAT Number : CP-R16010

Molecular Formula : C<sub>28</sub>H<sub>35</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight : 525.66

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        | Solid                    |
| 2)      | Solubility         | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS       | Confirm to structure     |
| 4)      | Purity By HPLC     | >95%                     |
| 5)      | <sup>1</sup> HNMR  | Confirm to structure     |
| 6)      | Weight loss by TGA | -                        |
| 7)      | Potency by TGA     | -                        |



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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