

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2026

**Product Name: Ritonavir EP Impurity F**

### Identification:

Chemical Name: thiazol-5-ylmethyl ((2S,3S,5S)-3-hydroxy-5-((S)-4-isopropyl-2,5-dioximidazolidin-1-yl)-1,6-diphenylhexan-2-yl)carbamate

Synonyms : Hydantoin Amino Alcohol  
Ritonavir (USP)

CAS Number : 1010809-61-6

CAT Number : CP-R16006

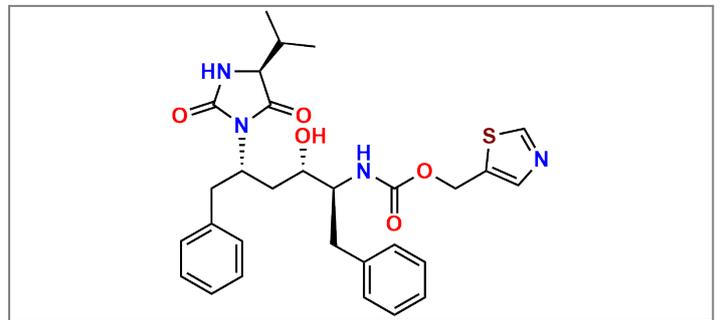
Molecular Formula : C<sub>29</sub>H<sub>34</sub>N<sub>4</sub>O<sub>5</sub>S

Molecular Weight : 550.67

Batch Number : CP-RIT-F-0224

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.03%
5)	1HNMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	IR	Confirm to structure



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.