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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2025

Re-test Date: Feb 2028

**Product Name: Ritonavir EP Impurity H**

### Identification:

Chemical Name: Thiazol-5-ylmethyl (4S,5S)-4-benzyl-5-[(2S)-2-[(4S)-4-(1-methylethyl)-2,5-dioximidazolidin-1-yl]-3-phenylpropyl]-2-oxooxazolidine-3-carboxylate (as per EP)

Synonyms : Hydantoin-Oxazolidinone  
Ritonavir

CAS Number : 1010809-43-4

CAT Number : CP-R16008

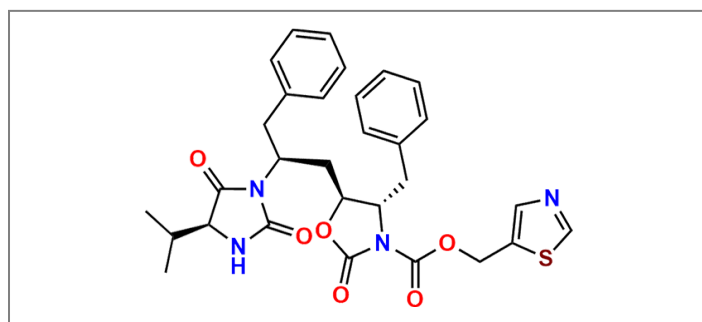
Molecular Formula : C<sub>30</sub>H<sub>32</sub>N<sub>4</sub>O<sub>6</sub>S

Molecular Weight : 576.66

Batch Number : CP-RIT-H-0125

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	96.57 %
5)	H1NMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**



Ms Rohini Gagare  
(QA Head)

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