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## CERTIFICATE OF ANALYSIS

Analysis Date: Nov 2025

Re-test Date: Oct 2028

**Product Name: Ritonavir EP Impurity E**

### Identification:

Chemical Name: Thiazol-5-yl-methyl [(1S,2S,4S)-1-benzyl-2-hydroxy-4-[[[(2S)-2-[[[2-(1-hydroxy-1-methylethyl)thiazol-4-yl]methyl]methyl]carbamoyl]amino]-3-methylbutanoyl]amino]-5-phenyl]pentyl]carbamate

Synonyms : Hydroxy Ritonavir

CAS Number : 176655-56-4

CAT Number : CP-R16005

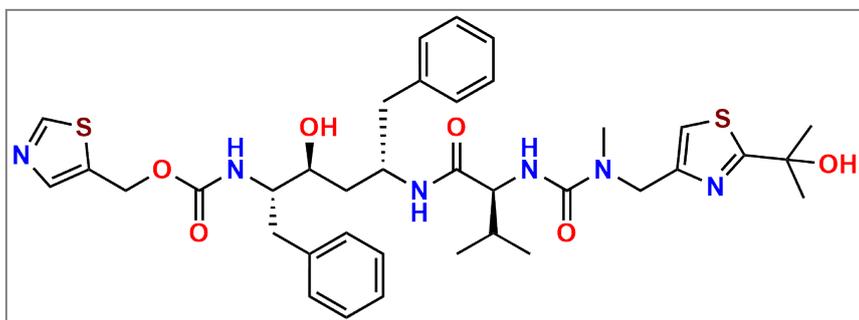
Molecular Formula : C<sub>37</sub>H<sub>48</sub>N<sub>6</sub>O<sub>6</sub>S<sub>2</sub>

Molecular Weight : 736.95

Batch Number : CP-RIT-E-0525

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.67 %
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	2.832 %
7)	Potency by TGA	95.87%



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.