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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ritonavir EP Impurity Q**

### Identification:

Chemical Name: Thiazol-5-ylmethyl [(1S,2R,4R)-1-benzyl-2-hydroxy-4-[[[(2S)-3-methyl-2-[[methyl[[2-(1-methylethyl)thiazol-4-yl]methyl]carbonyl]amino]butanoyl]amino]-5-phenylpentyl]carbamate (as per EP); Thiazol-5-ylmethyl (2S,3R,5R)-3-hydroxy-5-[(S)-2-{3-[(2-isopropylthiazol-4-yl)methyl]-3-methylureido}-3-methylbutanamido]-1,6-diphenylhexan-2-ylcarbamate (as per USP)

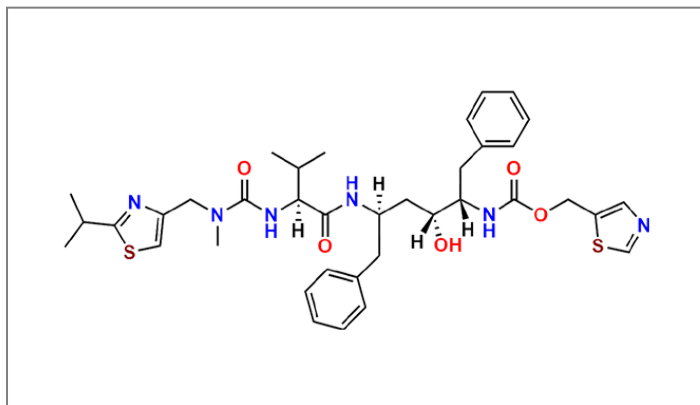
Synonyms : Ritonavir 3R,5R-Diastereomer (USP)

CAS Number : 1414933-82-6

CAT Number : CP-R16031

Molecular Formula : C<sub>37</sub>H<sub>48</sub>N<sub>6</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight : 720.9



### 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)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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