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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ritonavir EP Impurity K**

#### Identification:

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

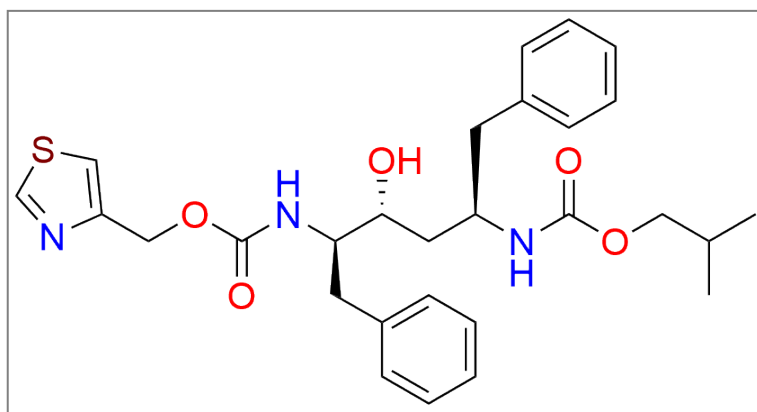
Synonyms : Ritonavir Isobutoxycarbonyl  
Aminoalcohol (USP)

CAS Number : 1010809-39-8

CAT Number : CP-R16011

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

Molecular Weight : 525.66



#### 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**

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.