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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ritonavir EP Impurity M**

### Identification:

Chemical Name: 2-Methylpropyl (2S)-3-methyl-2-[[methyl[[2-(1-methylethyl)thiazol-4-yl]methyl]carbamoyl]amino]butanoate (as per EP)

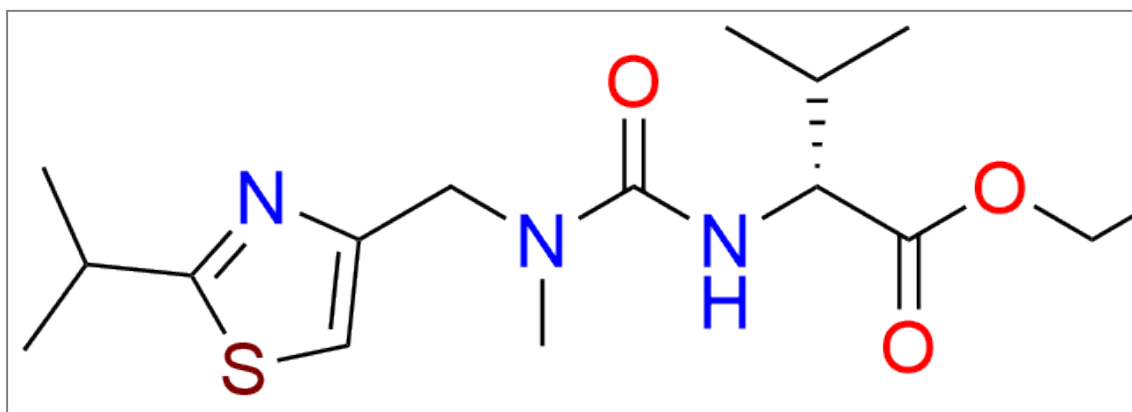
Synonyms : Ritonavir  
Ureidovaline  
Isobutyl Ester  
(USP)

CAS  
Number : NA

CAT  
Number : CP-R16013

Molecular  
Formula : C<sub>18</sub>H<sub>31</sub>N<sub>3</sub>O<sub>3</sub>S

Molecular  
Weight : 369.52



### 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.