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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Lopinavir EP Impurity R**

### Identification:

Chemical Name: (S)-N-{{(2S,4S,5S)-5-[2-(2,6-Dimethylphenoxy)acetamido]-4-hydroxy-1,6-diphenylhexan-2-yl}}-2-{{3-[2-(2,6-dimethylphenoxy)acetyl]-2-oxotetrahydropyrimidin-1(2H)-yl}}-3-methylbutanamide (as per USP)

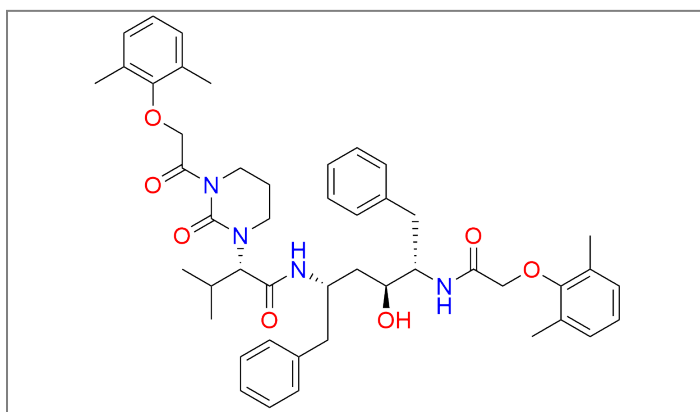
Synonyms : Lopinavir IP Impurity ; Lopinavir  
N-Acyl Impurity (USP)

CAS Number : 943250-66-6

CAT Number : CP-L23018

Molecular Formula : C47H58N4O7

Molecular Weight : 791.00



### 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.