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CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2022

Re-test Date: Mar 2025

Product Name: Lopinavir EP Impurity I

Identification:

Chemical Name: (2S)-N-[(1S,2S,4S)-1-Benzyl-4-[[2-(2,6-dimethylphenoxy)acetyl]amino]-2-hydroxy-5-phenylpentyl]-3-methyl-2-[2oxotetrahydropyrimidin-1(2H)-yl]butanamide (as per EP)

Synonyms : Isolopinavir (USP)

CAS Number : NA

CAT Number : CP-L23009

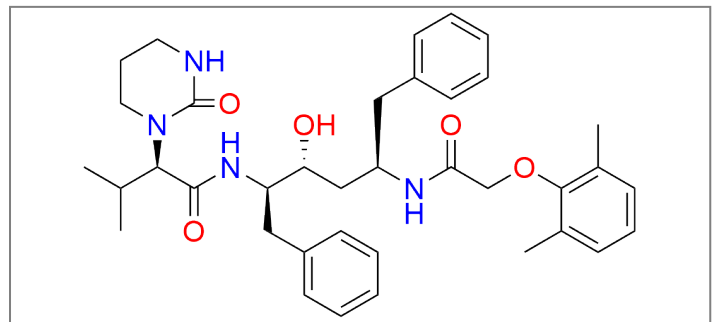
Molecular Formula : C₃₇H₄₈N₄O₅

Molecular Weight : 628.81

Batch Number : CHEM-LPV-I

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	95.12%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.