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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2022

Re-test Date: Dec 2024

Product Name: Lopinavir EP Impurity K

Identification:

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

Synonyms : Lopinavir D-Valine Diastereomer (USP)

CAS Number : 1623021-24-8

CAT Number : CP-L23011

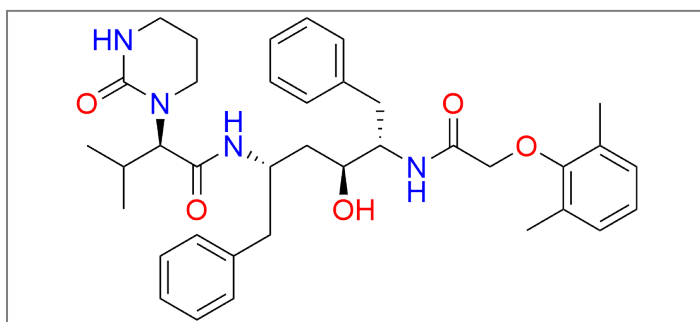
Molecular Formula : C₃₇H₄₈N₄O₅

Molecular Weight : 628.81

Batch Number : CHEM-LNR-K

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	97.01%
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.