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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2024

Re-test Date: Jan 2026

Product Name: Ritonavir EP Impurity F

Identification:

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

Synonyms : Hydantoin Amino Alcohol
Ritonavir (USP)

CAS Number : 1010809-61-6

CAT Number : CP-R16006

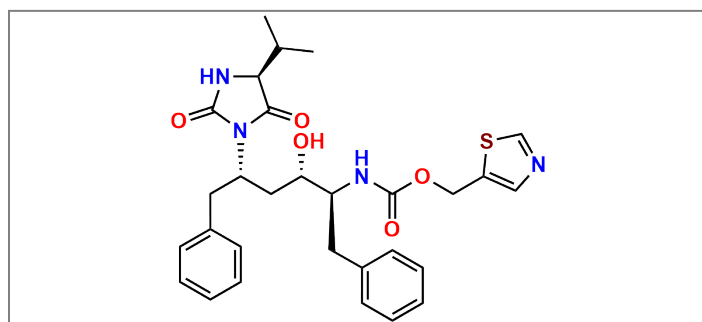
Molecular Formula : C₂₉H₃₄N₄O₅S

Molecular Weight : 550.67

Batch Number : CP-RIT-F-0224

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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.03%
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.