



SYNCHEMIA RESEARCH CHEMICAL

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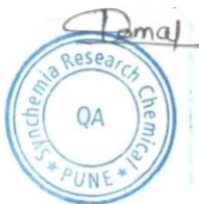
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CERTIFICATE OF ANALYSIS

Product Name	: Atazanavir Formyl Analog (USP)	
CAS NO	: NA	
Batch No	: NA	
Date of Analysis	: NA	
Retest Date	: NA	
Structure	: The chemical structure is a complex molecule. It features a central benzene ring. Attached to this ring is a side chain containing a hydroxyl group (OH), a benzyl group, and a hydrazine moiety. The hydrazine moiety is further substituted with a 4-(pyridin-2-yl)benzyl group and a 3,3-dimethylbutanoyl group. Another 3,3-dimethylbutanoyl group is attached to the side chain via an amide bond. The molecule also contains a formamido group and a methyl ester group.	
Chemical Name	: Methyl [(S)-1-{[(2S,3S)-4-{2-[(S)-2-formamido-3,3-dimethylbutanoyl]-1-[4-(pyridin-2-yl)benzyl]hydrazineyl}-3-hydroxy-1-phenylbutan-2-yl]amino}-3,3-dimethyl-1-oxobutan-2-yl]carbamate	
Molecular Formula	: C ₃₇ H ₅₀ N ₆ O ₆	
Molecular Weight	: 674.8g/mole	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	DMSO,METHANOL
3)	Identification 1.Mass 2. ¹ H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	Purity by HPLC	NA
Long Term Storage Condition 2–8 degrees Celsius		

Prepared and Reviewed By



Ms Ashwini Gaikwad
(QC DEPARTMENT)

Approved By



Ms Komal Kapase
(QA DEPARTMENT)



Note: This is only for Analytical testing purpose, not for Human or Animal Consumption