



SYNCHEMIA RESEARCH CHEMICAL

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CERTIFICATE OF ANALYSIS

Product Name	: Azithromycin EP Impurity A	
CAS NO	: 76801-85-9	
Batch No	: NA	
Date of Analysis	: NA	
Retest Date	: NA	
Structure	: The chemical structure is a complex macrolide. It features a central 14-membered macrolide ring with a ketone group at C2 and a dimethylamino group at C9a. Attached to the ring are two side chains: a 6-membered tetrahydropyran ring with a methyl group at C4 and a hydroxyl group at C5, and a 5-membered tetrahydrofuran ring with a methoxy group at C2 and a hydroxyl group at C4. Stereochemistry is indicated with wedges and dashes. A 'SYNCHEMIA' watermark is visible across the structure.	
Chemical Name	: 9-Deoxo-9a-aza-9a-homoErythromycinA(DesmethylAzithromycin)	
Molecular Formula	: C37H70N2O12	
Molecular Weight	: 734.96g/mol	
Sr. No.	Test	Result
1)	Description	NA
2)	Solubility	NA
3)	Identification 1.Mass 2.1H 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