



## SYNCHEMIA RESEARCH CHEMICAL

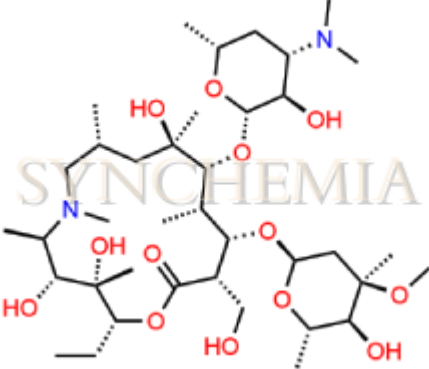
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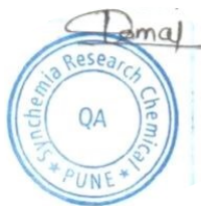
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### CERTIFICATE OF ANALYSIS

<b>Product Name</b>	: Azithromycin EP Impurity D	
<b>CAS NO</b>	: 612069-26-8	
<b>Batch No</b>	: NA	
<b>Date of Analysis</b>	: NA	
<b>Retest Date</b>	: NA	
<b>Structure</b>	: 	
<b>Chemical Name</b>	: (2R,3S,4R,5R,8R,10R,11R,12S,13S,14S)-11-(((2S,3R,4S,6R)-4-(dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-2-ethyl-3,4,10-trihydroxy-13-(((2R,4R,5S,6S)-5-hydroxy-4-methoxy-4,6-dimethyltetrahydro-2H-pyran-2-yl)oxy)-14-(hydroxymethyl)-3,5,6,8,10,12-hexamethyl-1-oxa-6-azacyclopentadecan-15-one	
<b>Molecular Formula</b>	: C <sub>38</sub> H <sub>72</sub> N <sub>2</sub> O <sub>13</sub>	
<b>Molecular Weight</b>	: 765.0 g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	NA
2)	<b>Solubility</b>	NA
3)	<b>Identification</b> 1.Mass 2.1H NMR 3.IR	Confirm to structure Confirm to structure Confirm to structure
4)	<b>Purity by HPLC</b>	NA
<b>Long Term Storage Condition</b> 2–8 degrees Celsius		

Prepared and Reviewed By



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(QC DEPARTMENT)

Approved By



Ms Komal Kapase  
(QA DEPARTMENT)



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