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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Azithromycin EP Impurity A**

### Identification:

Chemical Name: 9-Deoxy-9a-aza-9a-homoerythromycin A (as per USP)

Synonyms : 6-Demethyl Azithromycin (as per EP) ;  
Desmethylazithromycin ;  
Azaerythromycin A (USP)

CAS Number : 76801-85-9

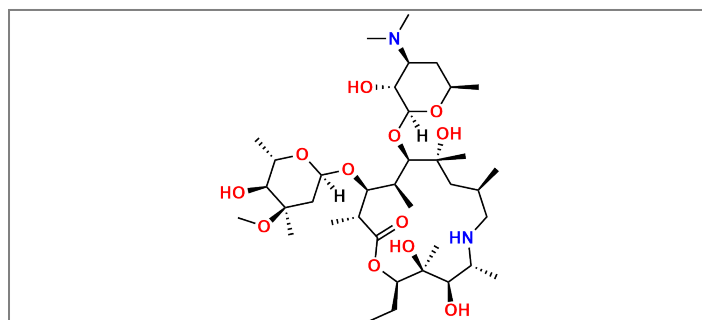
CAT Number : CP-A37001

Molecular Formula : C<sub>37</sub>H<sub>70</sub>N<sub>2</sub>O<sub>12</sub>

Molecular Weight : 734.96

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	>95%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure



#### Prepared and Reviewed By



Mr. Shubham Bondre  
(Quality Control)

#### Approved By



Mr. Abhijit Kale  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.