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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Clarithromycin EP Impurity I**

#### Identification:

Chemical Name: (3R,4S,5S,6R,7R,9R,11R,12R,13S,14R)-6-(((2S,3R,4S,6R)-4-(Dimethylamino)-3-hydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)-14-ethyl-4,12,13-trihydroxy-7-methoxy-3,5,7,9,11,13-hexamethyloxacyclotetradecane-2,10-dione

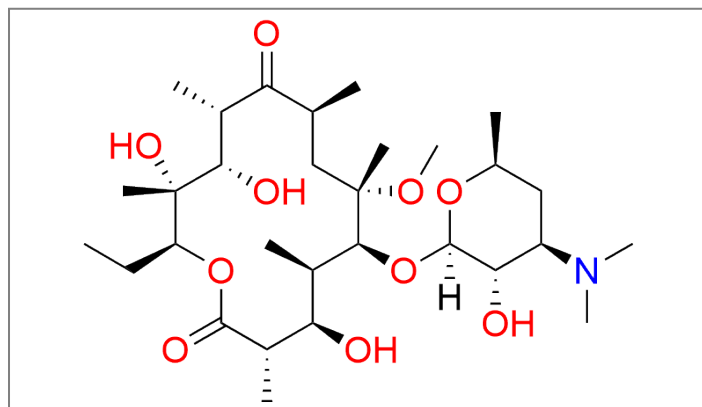
Synonyms : Des(cladinosyl) Clarithromycin ;  
3-O-Decladinosyl-6-O-methylerythromycin A

CAS Number : 118058-74-5

CAT Number : CP-C1009

Molecular Formula : C<sub>30</sub>H<sub>55</sub>NO<sub>10</sub>

Molecular Weight : 589.76



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	Confirm to structure

#### Prepared and Reviewed By

#### Approved By



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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