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## CERTIFICATE OF ANALYSIS

Analysis Date:

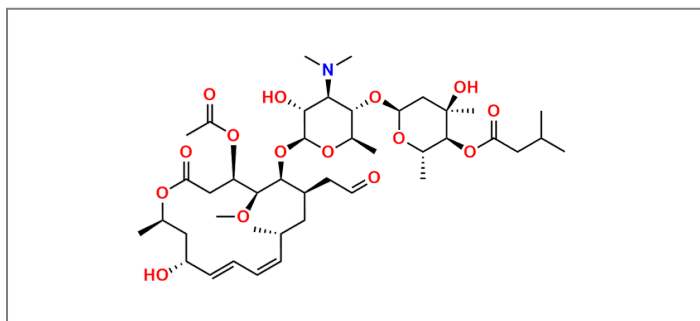
Re-test Date:

**Product Name: Josamycin EP Impurity D**

### Identification:

Chemical Name: (4R,5S,6S,7R,9R,10Z,12E,14R,16R)-4-(Acetyloxy)-6-[[3,6-dideoxy-4-O-[2,6-dideoxy-3-C-methyl-4-O-(3-methylbutanoyl)- $\alpha$ -L-ribo-hexopyranosyl]-3-(dimethylamino)- $\beta$ -D-glucopyranosyl]oxy]-14-hydroxy-5-methoxy-9,16-dimethyl-7-(2-oxoethyl)oxacyclohexadeca-10,12-dien-2-one (as per EP)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-J1011  
Molecular Formula : C<sub>42</sub>H<sub>69</sub>NO<sub>15</sub>  
Molecular Weight : 828



### 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)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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