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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Mupirocin Impurity 4**

### Identification:

Chemical Name: 9-(((E)-4-((2S, 3R, 4R, 5R)-5-(((2S, 3S)-3-((2S, 3S)-3-((9-(((E)-4-((2R, 3R, 4R, 5S)-3, 4-dihydroxy-5-(((2S, 3S)-3-((2S, 3S)-3-hydroxybutan-2-yl)oxiran-2-yl)methyl)tetrahydro-2H-pyran-2-yl)-3-methylbut-2-enoyl)oxy)nonanoyl)oxy)butan-2-yl)oxiran-2-yl)methyl)-3, 4-dihydroxytetrahydro-2H-pyran-2-yl)-3-methylbut-2-enoyl)oxy)nonanoic acid

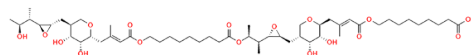
Synonyms : NA

CAS Number : NA

CAT Number : CP-M50022

Molecular Formula : C<sub>52</sub>H<sub>86</sub>O<sub>17</sub>

Molecular Weight : 983.20



### 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**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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