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## CERTIFICATE OF ANALYSIS

Analysis Date:

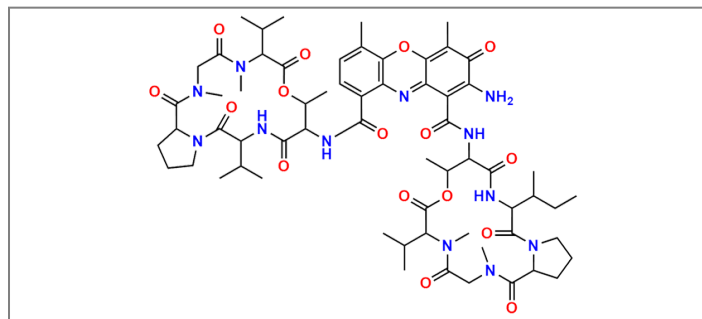
Re-test Date:

**Product Name: Dactinomycin Impurity B**

### Identification:

Chemical Name: 2-amino-N1-(13-(sec-butyl)-6-isopropyl-2,5,9-trimethyl-1,4,7,11,14-pentaoxohexadecahydro-1H-pyrrolo[2,1-i][1]oxa[4,7,10,13]tetraazacyclohexadecin-10-yl)-N9-(6,13-diisopropyl-2,5,9-trimethyl-1,4,7,11,14-pentaoxohexadecahydro-1H-pyrrolo[2,1-i][1]oxa[4,7,10,13]tetraazacyclohexadecin-10-yl)-4,6-dimethyl-3-oxo-3H-phenoxazine-1,9-dicarboxamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-D138004  
Molecular Formula : C<sub>63</sub>H<sub>88</sub>N<sub>12</sub>O<sub>16</sub>  
Molecular Weight : 1269.46



### 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.