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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Clindamycin Phosphate EP Impurity D**

### Identification:

Chemical Name: (2R,3R,4R,5R,6R)-2-((1S,2S)-2-Chloro-1-((2S,4R)-1-methyl-4-propylpyrrolidine-2-carboxamido)propyl)-4,5-dihydroxy-6-(methylthio)tetrahydro-2H-pyran-3-yl dihydrogen Phosphate

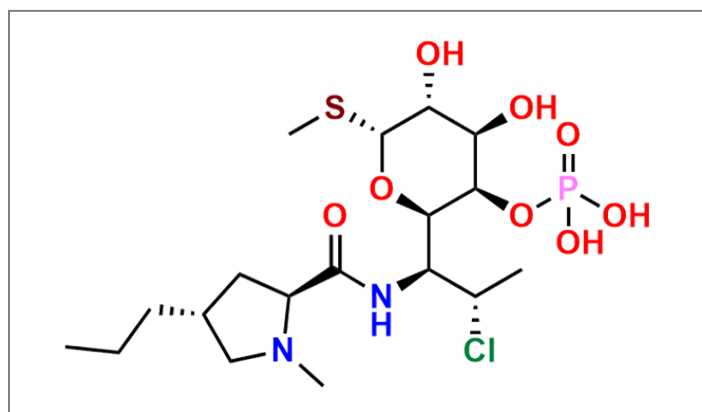
Synonyms : Clindamycin 4-(dihydrogen phosphate)

CAS Number : 54887-30-8

CAT Number : CP-C26004

Molecular Formula : C<sub>18</sub>H<sub>34</sub>ClN<sub>2</sub>O<sub>8</sub>PS

Molecular Weight : 504.96



### 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.