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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Ampicillin EP Impurity M**

### Identification:

Chemical Name: (2S,5R,6R)-6-((R)-2-((R)-2-((R)-2-amino-2-phenylacetamido)-2-((2R,4S)-4-carboxy-5,5-dimethylthiazolidin-2-yl)acetamido)-2-phenylacetamido)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, disodium salt

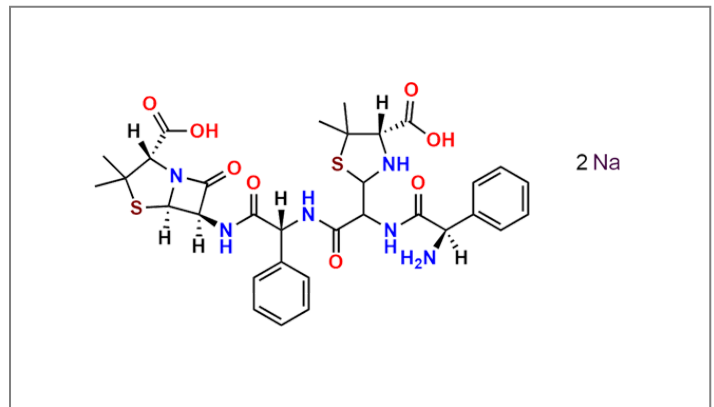
Synonyms : Ampicillin oligomer 1 (dimer) ;  
Ampicillin Close Ring Dimer

CAS Number : 94730-51-5

CAT Number : CP-A59019

Molecular Formula : C<sub>32</sub>H<sub>38</sub>N<sub>6</sub>O<sub>8</sub>S<sub>2</sub> : 2(Na)

Molecular Weight : 698.8 : 2(23.0)



### 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.