

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Amoxicillin Trimer Impurity**

### Identification:

Chemical Name: (4S,4'S)-2,2'-((1R,7R,13R)-1-amino-14-(((2S,5R,6R)-2-carboxy-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptan-6-yl)amino)-1,7,13-tris(4-hydroxyphenyl)-2,5,8,11,14-pentaoxo-3,6,9,12-tetraazatetradecane-4,10-diyl)bis(5,5-dimethylthiazolidine-4-carboxylic acid)

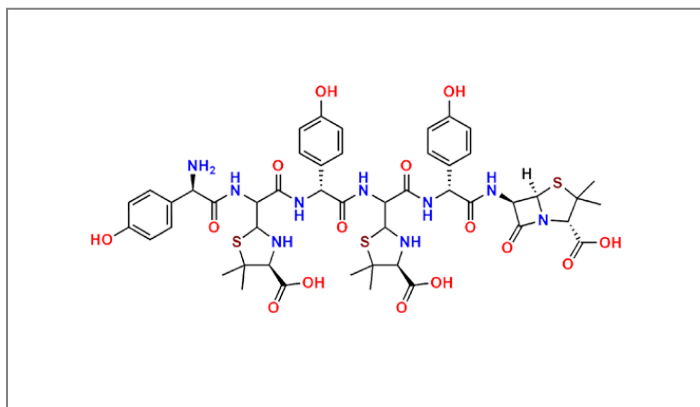
Synonyms : Amoxicillin Close Ring Trimer

CAS Number : 2088961-40-2

CAT Number : CP-A20039

Molecular Formula : C<sub>48</sub>H<sub>57</sub>N<sub>9</sub>O<sub>15</sub>S<sub>3</sub>

Molecular Weight : 1096.21



### 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.