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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Cefaclor EP Impurity E**

### Identification:

Chemical Name: 2-[[2-(2-Amino-2-phenylacetyl)amino]-2-(5-chloro-4-oxo-3,4-dihydro-2H-1,3-thiazin-2-yl)acetic acid (as per EP)

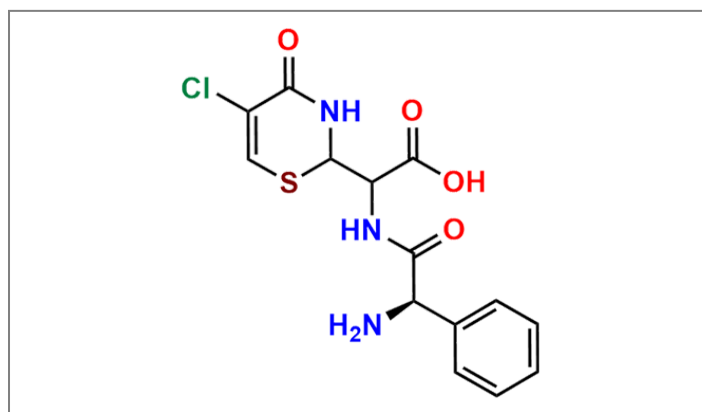
Synonyms : Cefaclor Open-Ring Impurity

CAS Number : 188915-50-6

CAT Number : CP-C60005

Molecular Formula : C<sub>14</sub>H<sub>14</sub>ClN<sub>3</sub>O<sub>4</sub>S

Molecular Weight : 355.80



### 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.