

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:

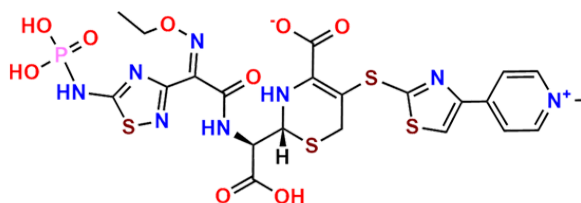
Re-test Date:

**Product Name: Ceftaroline Impurity 4**

### Identification:

Chemical Name: (R)-2-((R)-carboxy((Z)-2-(ethoxyimino)-2-(5-(phosphonoamino)-1,2,4-thiadiazol-3-yl)acetamido)methyl)-5-((4-(1-methylpyridin-1-ium-4-yl)thiazol-2-yl)thio)-3,6-dihydro-2H-1,3-thiazine-4-carboxylate

Synonyms : NA  
CAS Number : 1286218-63-0  
CAT Number : CP-C138006  
Molecular Formula : C<sub>22</sub>H<sub>23</sub>N<sub>8</sub>O<sub>9</sub>PS<sub>4</sub>  
Molecular Weight : 702.69



### 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.