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## CERTIFICATE OF ANALYSIS

Analysis Date:

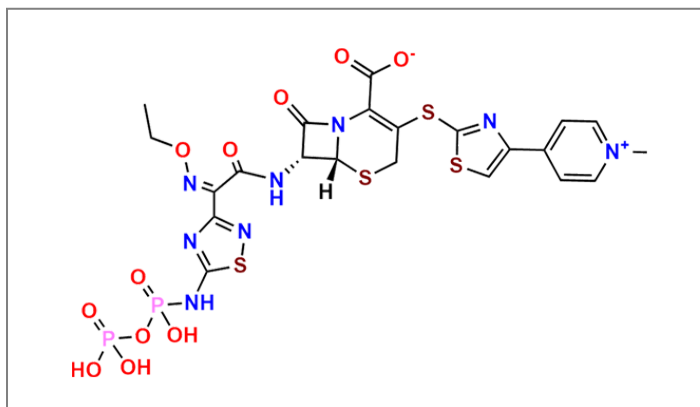
Re-test Date:

**Product Name: Ceftaroline Impurity 5**

**Identification:**

Chemical Name: (6R,7R)-7-((Z)-2-(ethoxyimino)-2-(5-((hydroxy(phosphonooxy)phosphoryl)amino)-1,2,4-thiadiazol-3-yl)acetamido)-3-((4-(1-methylpyridin-1-ium-4-yl)thiazol-2-yl)thio)-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

Synonyms : NA  
CAS Number : 1286218-64-1  
CAT Number : CP-C138007  
Molecular Formula : C<sub>22</sub>H<sub>22</sub>N<sub>8</sub>O<sub>11</sub>P<sub>2</sub>S<sub>4</sub>  
Molecular Weight : 764.65



**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.