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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Desulfo Aztreonam**

### Identification:

Chemical Name: (Z)-2-({[(2-Amino-4-thiazoly)]{[(2S,3S)-2-methyl-4-oxo-3-azetidiny]carbamoyl}methylene]amino}oxy)-2-methylpropionic acid

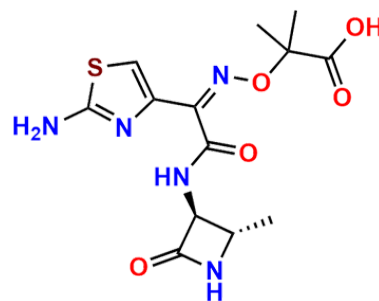
Synonyms : Desulfated aztreonam ;  
Aztreonam Desulfated Impurity

CAS Number : 102579-59-9

CAT Number : CP-A117005

Molecular Formula : C<sub>13</sub>H<sub>17</sub>N<sub>5</sub>O<sub>5</sub>S

Molecular Weight : 355.37



### 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.