

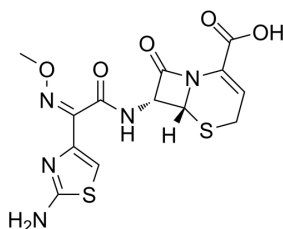
## Ceftizoxime

|                |   |
|----------------|---|
| Cat. No.:      | HY-B1596  |
| CAS No.:       | 68401-81-0  |
| Batch No.:     | 36013   |
| Chemical Name: | 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 7-[[[(2Z)-2-(2-amino-4-thiazolyl)-2-(methoxyimino)acetyl]amino]-8-oxo-, (6R,7R)- |

### PHYSICAL AND CHEMICAL PROPERTIES

|                    |  |
|--------------------|--|
| Molecular Formula: | C <sub>13</sub> H <sub>13</sub> N <sub>5</sub> O <sub>5</sub> S <sub>2</sub>   |
| Molecular Weight:  | 383.40   |
| Storage:           | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |

### Chemical Structure:



### ANALYTICAL DATA

|                              |   |
|------------------------------|---|
| Appearance:                  | White to off-white (Solid)  |
| <sup>1</sup> H NMR Spectrum: | Consistent with structure   |
| LCMS:                        | Consistent with structure   |
| Purity (LCMS):               | 99.47%  |
| Conclusion:                  | The product has been tested and complies with the given specifications. |

**Caution: Product has not been fully validated for medical applications. For research use only.**

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