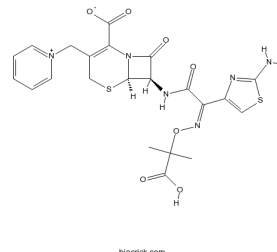


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Ceftazidime
<b>Catalog Number:</b>	BCC5274
<b>Cas No.:</b>	72558-82-8
<b>Formula:</b>	C <sub>22</sub> H <sub>22</sub> N <sub>6</sub> O <sub>7</sub> S <sub>2</sub>
<b>M.Wt:</b>	546.58
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	GR20263
<b>Chemical Name:</b>	(6R,7R)-7-[[[(2Z)-2-(2-amino-1,3-thiazol-4-yl)-2-(2-carboxypropan-2-yloxyimino)acetyl]amino]-8-oxo-3-(pyridin-1-ium-1-ylmethyl)-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate
<b>SMILES:</b>	<chem>CC(C)(O/N=C(C(=O)N[C@H]1[C@H]2SCC(=C(N2C1=O)C([O-])=O)C[n+](C(=O)O)C3CCCC3)/c4csc(N)n4)C(O)=O</chem>
<b>Solubility:</b>	DMSO : ≥ 46 mg/mL (84.16 mM) *"≥" means soluble, but saturation unknown.



## STORAGE AND SHIPPING

<b>Storage:</b>	Store the product in sealed, cool and dry condition.
<b>General tips:</b>	For obtaining a higher solubility, please warm the tube at 37° and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20° for several months.
<b>Shipping Condition:</b>	Ship with RT , or blue ice upon request

## INTENDED USE

1. Reference standards;
2. Pharmacological research;
3. Food research;
4. Synthetic precursor compounds;
5. Intermediates & Fine Chemicals;
6. Others.

## CAUTION!

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most BioCrick products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure*

*that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

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