

## PHYSICAL AND CHEMICAL PROPERTIES

**Product Name:** Cefotaxime sodium

**Catalog Number:** BCC8908

**Cas No.:** 64485-93-4

**Formula:** C<sub>16</sub>H<sub>17</sub>N<sub>5</sub>NaO<sub>7</sub>S<sub>2</sub>

**M.Wt:** 478.5

**Purity:** >98%

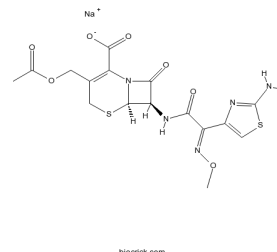
**Physical Description:** N/A

**Synonyms:** Cefotaxim sodium salt

**Chemical Name:** sodium;(6R,7R)-3-(acetyloxymethyl)-7-[[[(2E)-2-(2-amino-1,3-thiazol-4-yl)-2-methoxyiminoacetyl]amino]-8-oxo-5-thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylate

**SMILES:** CC(=O)OCC1=C(N2C(C(C2=O)NC(=O)C(=NOC)C3=CSC(=N3)N)SC1)C(=O)[O-].[Na+]

**Solubility:** DMSO : 45 mg/mL (94.25 mM; Need ultrasonic)



## STORAGE AND SHIPPING

**Storage:** Store the product in sealed, cool and dry condition.

**General tips:** 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.

**Shipping Condition:** 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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