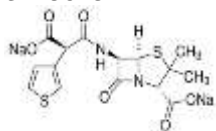


**PRODUCT: Ticarcillin Disodium**

**ALTERNATE NAME:** (2S,5R,6R)-6-[[[(2R)-Carboxy-3-thienylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid disodium salt

**CATALOG #:** B1536-1G, 5G

**AMOUNT:** 1 g, 5 g

**STRUCTURE:**

**MOLECULAR FORMULA:** C<sub>15</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>2</sub>

**MOLECULAR WEIGHT:** 428.39

**CAS NUMBER:** 4697-14-7

**APPEARANCE:** White to light yellow solid

**SOLUBILITY:** H<sub>2</sub>O (~50 mg/ml)

**PURITY:** ≥95%

**STORAGE:** Store at -20 °C. Protect from air and moisture

**DESCRIPTION:** Ticarcillin is a β-lactam antibiotic with a broad spectrum of bactericidal activity against many gram-positive and gram-negative aerobic and anaerobic bacteria. It is commonly used in combination with clavulanate in order to improve its efficacy. A β-lactamase inhibitor.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**

Amphotericin B (Cat. No. 2497-250, 1G, 5G)  
 Ampicillin trihydrate (Cat. No. 2483-1 G, 5G, 25 G)  
 Ampicillin sodium (Cat. No. 2484-1G, 5G, 25G)  
 EZSolution™ Ampicillin sodium (Cat. No. 2499-10)  
 Betulinic Acid (Cat. No. 1552-25)  
 Bexarotene (Cat. No. 1575-5, 50)  
 Blastidin S, Hydrochloride (Cat. No. 1859-25,100)  
 Capecitabine (Cat. No. 1741-100, 1000)  
 Carboplatin (Cat. No. 1553-100)  
 Chloramphenicol (Cat. No. 2486-25G, 100G, 500G)  
 Cefotaxime Sodium, USP (Cat. No. B1510-1G, 5G, 25G)  
 Cisplatin (Cat. No. 1550-100,1000)  
 Cycloheximide (Cat. No. 1041-1G, 5G)  
 Cycloheximide (100 mM) (Cat. No. 1041-1)  
 Daunorubicin.HCl (1524-10,50,500)  
 Doxorubicin HCl (Cat. No. 1527-5)  
 Fludarabine Phosphate (Cat. No. 1763-10, 50)  
 G-418 Sulfate (Cat. No. 1557-100, 5G, 25G)  
 Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)  
 Genistein (Cat. No. 1533-10)  
 Nedaplatin (Cat. No. 1576-5)  
 Nystatin, USP Grade (Cat. No. B1509-1G, 5G, 25G)  
 Oxaliplatin (Cat. No. 1577-25)  
 Paclitaxel (Cat. No. 1567-25)  
 Penicillin G sodium (Cat. No. 2503-100, 500)  
 Penicillin G potassium (Cat. No. 2504-25, 100)  
 Phleomycin (Cat. No. 2724-5,25)  
 EZSolution™ Phleomycin (Cat. No. B1531-1,5)  
 Polymyxin B Sulfate (Cat. No. 2496-10, 50, 100)  
 Puromycin Dihydrochloride (Cat. No. 1860-25, 100, 250, 500,1000)  
 EZSolution™ Puromycin Dihydrochloride (Cat. No. 1861-100)  
 Radicicol (Cat. No. B1533-1,5)  
 Streptozocin (Cat. No. 1930-100, 500, 1000)  
 Tamoxifen Citrate (Cat. No. 1551-1000)  
 Timentin (Cat. No. B1508-1G, 5G, 25G)  
 Vancomycin Hydrochloride (Cat. No. B1507-250, 1G, 5G)

**USAGE:** *FOR RESEARCH CH USE ONLY! Not to be used in humans*