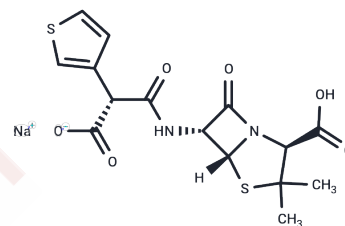


## Ticarcillin monosodium

## Chemical Properties

CAS No. :	74682-62-5
Formula:	C <sub>15</sub> H <sub>15</sub> N <sub>2</sub> NaO <sub>6</sub> S <sub>2</sub>
Molecular Weight:	406.41
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Ticarcillin monosodium, a semisynthetic carboxypenicillin antibacterial agent, exhibits broad-spectrum activity against gram-positive cocci such as streptococci and staphylococci. It is also effective against most gram-negative organisms, notably <i>Pseudomonas aeruginosa</i> . The compound is utilized in the treatment of various infections, including those of the lower respiratory tract, skin and skin structures, urinary tract, and intraabdominal infections, according to research [1] [2] [3].
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4606 mL	12.3028 mL	24.6057 mL
5 mM	0.4921 mL	2.4606 mL	4.9211 mL
10 mM	0.2461 mL	1.2303 mL	2.4606 mL
50 mM	0.0492 mL	0.2461 mL	0.4921 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481