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**Product Data Sheet**

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Product Name: Ticarcillin sodium

Cat. No.: GC17188

**Chemical Properties**

Cas. No. 29457-07-6

Chemical Name disodium;(2S,5R,6R)-6-[[[(2R)-2-carboxylato-2-thiophen-3-ylacetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate

SMILES CC1(C(N2C(S1)C(C2=O)NC(=O)C(C3=CSC=C3)C(=O)[O-])C(=O)[O-])C.[Na+].[Na+]Formula C<sub>15</sub>H<sub>16</sub>N<sub>2</sub>O<sub>6</sub>S<sub>2</sub>.2Na

M.Wt 430.41

Solubility ≥ 18.8mg/mL in DMSO

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Ticarcillin is a semisynthetic antibiotic with a broad spectrum of bactericidal activity against many gram-positive and gram-negative aerobic and anaerobic bacteria.

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

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