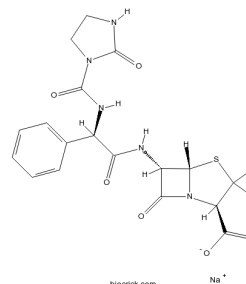


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Azlocillin sodium salt
<b>Catalog Number:</b>	BCC4763
<b>Cas No.:</b>	37091-65-9
<b>Formula:</b>	C <sub>20</sub> H <sub>22</sub> N <sub>5</sub> NaO <sub>6</sub> S
<b>M.Wt:</b>	483.5
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	Sodium azlocillin
<b>Chemical Name:</b>	sodium;(2R,5S,6S)-3,3-dimethyl-7-oxo-6-[[[(2R)-2-[(2-oxoimidazolidine-1-carbonyl)amino]-2-phenylacetyl]amino]-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate
<b>SMILES:</b>	<chem>CC1(C(N2C(S1)C(C2=O)NC(=O)C(C3=CC=CC=C3)NC(=O)N4CCNC4=O)C(=O)[O-])C.[Na+]</chem>
<b>Solubility:</b>	DMSO : 100 mg/mL (206.84 mM; Need ultrasonic) H <sub>2</sub> O : 6.67 mg/mL (13.80 mM; Need ultrasonic)



## 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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F9-15, Building B2, Tianfu Life Science Park, 88 South Keyuan Road, Hi-Tech Zone, Chengdu, Sichuan 610041, PRC  
Tech Support: service@biocrick.com Tel: +86-28-8543-3893 FAX: +86-28-8543-3893