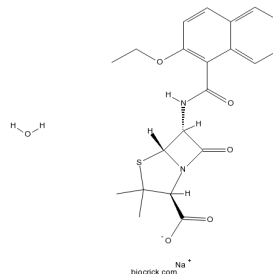


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Nafcillin Sodium
<b>Catalog Number:</b>	BCC4805
<b>Cas No.:</b>	7177-50-6
<b>Formula:</b>	C <sub>21</sub> H <sub>23</sub> N <sub>2</sub> NaO <sub>6</sub> S
<b>M.Wt:</b>	454.47
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	N/A
<b>Chemical Name:</b>	sodium;(2S,5R,6R)-6-[(2-ethoxynaphthalene-1-carbonyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylate;hydrate
<b>SMILES:</b>	<chem>CCOC1=C(C2=CC=CC=C2C=CC1)C(=O)NC3C4N(C3=O)C(C(S4)(C)C)C(=O)[O-].[O-].[Na+]</chem>
<b>Solubility:</b>	DMSO : 100 mg/mL (220.04 mM; Need ultrasonic) H <sub>2</sub> O : 1 mg/mL (2.20 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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