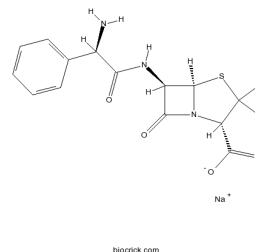


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Ampicillin
<b>Catalog Number:</b>	BCC1199
<b>Cas No.:</b>	69-52-3
<b>Formula:</b>	C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> NaO <sub>4</sub> S
<b>M.Wt:</b>	371.4
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	D-(-)-α-Aminobenzylpenicillin sodium salt
<b>Chemical Name:</b>	(2S,5R,6R)-6-[[[(2R)-2-Amino-2-phenylacetyl)amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid sodium salt
<b>SMILES:</b>	[Na+].CC1(C)S[C@@H]2[C@H](NC(=O)[C@H](N)c3ccccc3)C(=O)N2[C@H]1C([O-])=O
<b>Solubility:</b>	Soluble to 100 mM in water



## 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.*

---

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