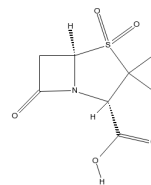


## PHYSICAL AND CHEMICAL PROPERTIES

<b>Product Name:</b>	Sulbactam
<b>Catalog Number:</b>	BCC4941
<b>Cas No.:</b>	68373-14-8
<b>Formula:</b>	C <sub>8</sub> H <sub>11</sub> NO <sub>5</sub> S
<b>M.Wt:</b>	233.24
<b>Purity:</b>	>98%
<b>Physical Description:</b>	N/A
<b>Synonyms:</b>	CP45899
<b>Chemical Name:</b>	(2S,5R)-3,3-dimethyl-4,4,7-trioxo-4 <sup>1</sup> <sub>6</sub> -thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid
<b>SMILES:</b>	<chem>CC1(C(N2C(S1(=O)=O)CC2=O)C(=O)O)C</chem>
<b>Solubility:</b>	DMSO : ≥ 100 mg/mL (428.74 mM) H <sub>2</sub> O : 20 mg/mL (85.75 mM; Need ultrasonic) *"≥" means soluble, but saturation unknown.



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## 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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