

## Azlocillin sodium

Catalog No: #S0049

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## Description

Product Name	Azlocillin sodium
Brief Description	Inhibitors
Purification	99.29%
Target Name	Antibacterial inhibitor
Calculated MW	483.47
Formulation	C <sub>20</sub> H <sub>22</sub> N <sub>5</sub> NaO <sub>6</sub> S
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Product Description

## Research

Area: Immunology  
 SMILES: CC1([C@@H](N2[C@H](S1)[C@@H](C2=O)NC(=O)[C@@H](C3=CC=CC=C3)NC(=O)N4CCNC4=O)C(=O)[O-])C.[Na+]  
 Pathways: Microbiology & virology  
 Receptor: PBPs  
 Boiling pt: Melting pt: Solubility: Ethanol: 3 mg/mL (6.19 mM); Water: 97 mg/mL (200.21 mM); DMSO: 97 mg/mL (200.21 mM)  
 Appearance: White Powder  
 Remark: 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.

## References

1. Stewart D, et al. Antimicrob Agents Chem Other, 1977, 11(5), 865-870.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.