

## Cephalothin sodium

Catalog No: #S1122

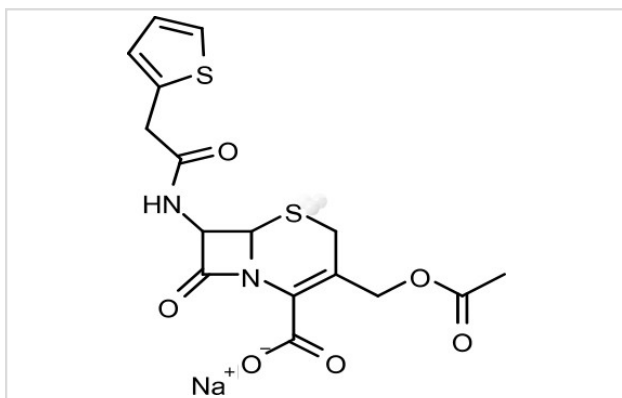
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## Description

Product Name	Cephalothin sodium
Brief Description	Inhibitors
Purification	98.19%
Target Name	Antibacterial activator
Calculated MW	418.4
Formulation	C <sub>16</sub> H <sub>15</sub> N <sub>2</sub> NaO <sub>6</sub> S <sub>2</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

## Research

Area: Immunology SMILES: CC(=O)OCC1=C(N2[C@@H]([C@@H](C2=O)NC(=O)CC3=CC=CS3)SC1)C(=O)[O-].[Na+] Pathways: Microbiology & virology  
 Receptor: PBPs  
 Boiling pt: 757.2°C  
 Melting pt: 240°C  
 Solubility: Soluble in Water  
 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 month.

## References

1. Williamson R, et al. Antimicrob Agents ChemOthers. 1980 Oct;18(4):629-37.

Note: This product is for in vitro research use only