

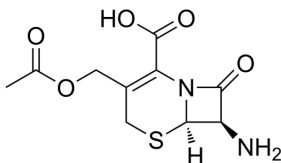
## 7-Aminocephalosporanic acid

Cat. No.: HY-B1434  
 CAS No.: 957-68-6  
 Batch No.: 17547  
 Chemical Name: 5-Thia-1-azabicyclo[4.2.0]oct-2-ene-2-carboxylic acid, 3-[(acetyloxy)methyl]-7-amino-8-oxo-, (6R,7R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{10}H_{12}N_2O_5S$   
 Molecular Weight: 272.28  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 2 years  
 -20°C 1 year

#### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (NMR):  $\geq 98.0\%$   
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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