

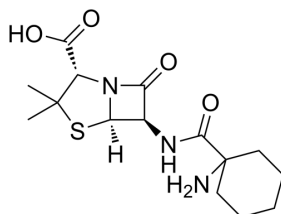
## Cyclacillin

Cat. No.: HY-16158  
 CAS No.: 3485-14-1  
 Batch No.: 264042  
 Chemical Name: 4-Thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid, 6-[[[(1-aminocyclohexyl)carbonyl]amino]-3,3-dimethyl-7-oxo-, (2S,5R,6R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_{23}N_3O_4S$   
 Molecular Weight: 341.43  
 Storage: Powder -20°C 3 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (LCMS): 98.00%  
 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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