

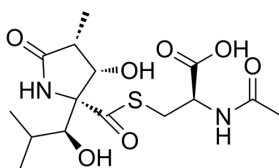
## Lactacystin

Cat. No.: HY-16594  
 CAS No.: 133343-34-7  
 Batch No.: 149751  
 Chemical Name: L-Cysteine, N-acetyl-S-[(3S,4R)-3-hydroxy-2-[(1S)-1-hydroxy-2-methylpropyl]-4-methyl-5-oxo-D-prolyl]-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{15}H_{24}N_2O_7S$   
 Molecular Weight: 376.43  
 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)  
 Purity (HPLC): 98.08%  
 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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