

## Acetylcysteine

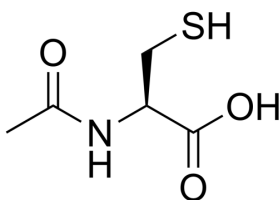
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Cat. No.: HY-B0215  
CAS No.: 616-91-1  
Batch No.: 243751  
Chemical Name: L-Cysteine, N-acetyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>S  
Molecular Weight: 163.19486  
Storage: 4°C, protect from light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (HPLC): 99.44%  
OR(C=1.03g/100ml H<sub>2</sub>O): 5.2°  
Residue on Ignition: 0.04%  
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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