

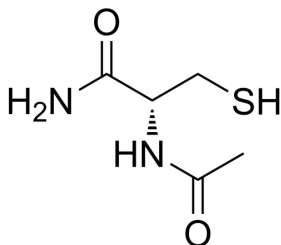
## N-Acetylcysteine amide

Cat. No.: HY-110256  
 CAS No.: 38520-57-9  
 Batch No.: 762704  
 Chemical Name: Propanamide, 2-(acetylamino)-3-mercapto-, (2R)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_5H_{10}N_2O_2S$   
 Molecular Weight: 162.21  
 Storage: Powder -20°C 3 years  
 4°C 2 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  
 MS: Consistent with structure  
 Purity (HPLC): 99.88%  
 Optical Rotation: -9.00° (C=0.0667g/100mL, H<sub>2</sub>O, 25°C, 589nm)  
 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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