

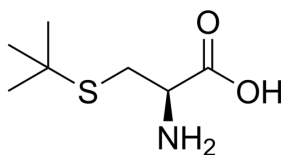
## S-tert-Butyl-L-cysteine hydrochloride

Cat. No.: HY-W014238  
CAS No.: 2481-09-6  
Batch No.: 289545  
Chemical Name: L-Cysteine, S-(1,1-dimethylethyl)-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>7</sub>H<sub>16</sub>ClNO<sub>2</sub>S  
Molecular Weight: 213.73  
Storage: Powder -20°C 3 years  
4°C 2 years  
In solvent -80°C 6 months  
-20°C 1 month

Chemical Structure:



HCl

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (NMR): ≥98.0%  
Water(KF): 0.09%  
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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