

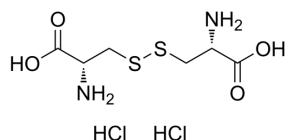
## L-Cystine (dihydrochloride)

Cat. No.: HY-W009203  
CAS No.: 30925-07-6  
Batch No.: 267435  
Chemical Name: L-Cystine, hydrochloride (1:2)

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_6H_{14}Cl_2N_2O_4S_2$   
Molecular Weight: 313.22  
Storage: 4°C, stored under nitrogen  
\* In solvent : -80°C, 6 months; -20°C, 1 month (stored under nitrogen)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
Purity (NMR): ≥98.0%  
OR[α]<sub>D</sub>(C=0.99 g/100ml 1N HCL): -176.18°  
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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