

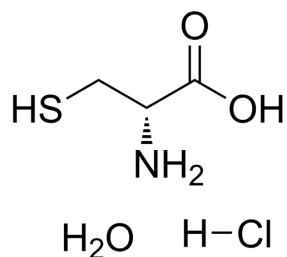
D-Cysteine hydrochloride hydrate

Cat. No.: HY-W055811
CAS No.: 207121-46-8
Batch No.: 347970
Chemical Name: D-Cysteine, hydrochloride, hydrate (1:1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₃H₁₀ClNO₃S
Molecular Weight: 175.63
Storage: 4°C, sealed storage, away from moisture
* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:



ANALYTICAL DATA

Appearance: White to light brown (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (NMR): ≥97.0%
Water(KF): 16.37%
Residue on Ignition: 0.07%
Optical Rotation: -5.8° (C=1.00 g/100ml 1N/HCL)
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA