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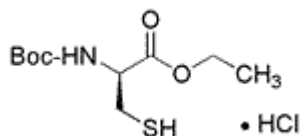
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	29770
Product	D-Cysteine ethyl ester hydrochloride
	D-Cys-OEt·HCl
CAS Number	75521-14-1
Molecular Formula	C ₅ H ₁₁ NO ₂ S·HCl
Molecular Weight	185.7
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL water)
Melting Point	124 - 128 °C
Water Content (Karl Fisher)	≤ 5%
Optical Rotation	[α] _D ²⁰ = 11 - 14 ° (C=1 in 1N HCl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98.5%
Storage	Store at 0 - 8 °C

For Laboratory Use Only