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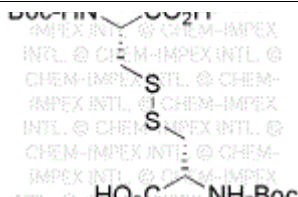
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	01344
Product	$N^{\alpha}, N^{\alpha'}$-Bis-Boc-L-cvstine (Boc-L-Cys-OH) ₂
CAS Number	10389-65-8
Molecular Formula	C ₁₆ H ₂₈ N ₂ O ₈ S ₂
Molecular Weight	440.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL MeOH)
Melting Point	140 - 150 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	$[\alpha]^{20}_D = -115 \pm 4^{\circ}$ (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only