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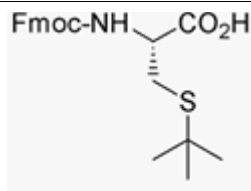
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02401
Product	Fmoc-S-tert-butyl-L-cysteine Fmoc-L-Cys(tBu)-OH Fmoc-(R)-2-amino-3-(S-tert-butyl)propanoic acid
CAS Number	67436-13-9
Molecular Formula	C ₂₂ H ₂₅ NO ₄ S
Molecular Weight	399.5

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	135 - 145 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -22 ± 3 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only