

Chem-Impex International, Inc.

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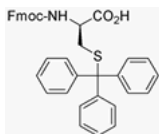
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02065
Product	Fmoc-S-trityl-D-cysteine Fmoc-D-Cys(Trt)-OH
CAS Number	167015-11-4
Molecular Formula	C ₃₇ H ₃₁ NO ₄ S
Molecular Weight	585.7

Appearance	White powder
Solubility	Clear solution
Melting Point	170 - 180 °C
Water Content (Karl Fisher)	≤ 1%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] _D ²⁰ = -20 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1%
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only