

Chem-Impex International, Inc.

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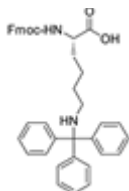
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	11967
Product	N^α-Fmoc-N^ε-trityl-L-lysine Fmoc-L-Lys(Trt)-OH
CAS Number	111061-54-2
Molecular Formula	C ₄₀ H ₃₈ N ₂ O ₄
Molecular Weight	610.75

Appearance	White to off-white crystals
Solubility	Clearly soluble (0.5 mmole in 1 mL DMF)
Melting Point	126 - 133 °C
Water Content (Karl Fisher)	≤ 1.0%
Kaiser Test	Negative to slightly positive
Optical Rotation	[α] _D ²⁰ = 5 ± 1 ° (C=2 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Free Amino Acids	≤ 0.2%
Assay	≥ 99%
Chiral HPLC	≥ 99.8% (ee)
D-Enantiomer	≤ 0.2%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only