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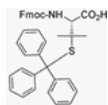
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	03915
Product	Fmoc-S-trityl-L-penicillamine Fmoc-L-Pen(Trt)-OH Fmoc-S-trityl-β,β-dimethyl-L-Cys-OH
CAS Number	201531-88-6
Molecular Formula	C ₃₉ H ₃₅ NO ₄ S
Molecular Weight	613.72

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = 31 ± 4 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (40 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only