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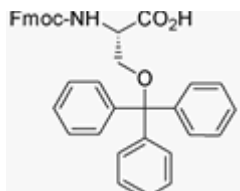
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03737
Product	Fmoc-O-trityl-L-serine
	Fmoc-L-Ser(Trt)-OH
CAS Number	111061-56-4
Molecular Formula	C ₃₇ H ₃₁ NO ₅
Molecular Weight	569.7

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	200-210 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = + 8 ± 1° (C=1 in DMF)
Infrared Spectrum	Conforms to standard
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 0.5%
¹H NMR	Conforms to structure
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Chiral Purity	≤ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only