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Certificate of Analysis

Catalogue Number 04-1399
Lot Number 121228-36118
Product **Fmoc-O-trityl-D-serine**

Fmoc-D-Ser(Trt)-OH

CAS Number 212688-51-2
Molecular Formula $C_{37}H_{31}NO_5$
Molecular Weight 569.7

Appearance White powder
Solubility Clear solution (0.3g in 2mL DMF)
Melting Point 204.1-204.5 °C
Optical Rotation $[\alpha]_D^{20} = -7.8^\circ$ (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.74% (80° C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.06%
Storage Store at 0-8°C