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Certificate of Analysis

Catalogue Number	04828
Lot Number	000424-150427-36118
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	201.8 - 203.1 °C
Elemental Analysis (Found)	< 5% (C, H, N)
Optical Rotation	[α] ²⁰ _D = -8.28 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.26% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.77%
Purity by TLC	> 98%
Storage	Store at 0-8°C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager