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Certificate of Analysis

Catalogue Number	35196
Product	Fmoc-L-serine benzyl ester
Lot Number	000424-210402-36126 Fmoc-L-Ser-Obzl
CAS Number	73724-46-6
Molecular Formula	C ₂₅ H ₂₃ NO ₅
Molecular Weight	417.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	92.7 - 101.4 °C
Water Content (Karl Fisher)	0.2%
Optical Rotation	[α] ²⁰ _D = -12.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.26% (45 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.25%
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