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Certificate of Analysis

Catalogue Number	05680
Lot Number	000424-220508-36513
Product	Fmoc-L-aspartic acid α-benzyl ester Fmoc-L-Asp-OBzl
CAS Number	86060-83-5
Molecular Formula	C ₂₆ H ₂₃ NO ₆
Molecular Weight	445.48

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	117.5 - 118.9 °C
Water Content (Karl Fisher)	0.16%
Optical Rotation	[α] _D ²⁰ = -19.9 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.72% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.39%
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