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Certificate of Analysis

Catalogue Number	12391
Product	Fmoc-D-aspartic acid β-allvl ester
Lot Number	000424-210509-36530 Fmoc-D-Asp(OAll)-OH
CAS Number	177609-12-0
Molecular Formula	C ₂₂ H ₂₁ NO ₆
Molecular Weight	395.4
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	113.3 - 113.7 °C
Water Content (Karl Fisher)	0.20%
Optical Rotation	[α] _D ²⁰ = 26.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.52%
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