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Certificate of Analysis

Catalogue Number	02394
Product	Fmoc-L-aspartic acid b-tert-butyl ester a-N-
Lot Number	000424-211102-36526 Fmoc-L-Asp(OtBu)-OSu
CAS Number	78553-23-8
Molecular Formula	C ₂₇ H ₂₈ N ₂ O ₈
Molecular Weight	508.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	126.5 - 132.5 °C
Water Content (Karl Fisher)	0.04%
Optical Rotation	[α] _D ²⁰ = -30.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.27% (60 °C at 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	98.30%
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