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Certificate of Analysis

Catalogue Number	04975
Product	<i>N</i>^{α,β}-Bis-Fmoc-L-2.3-diaminopropionic acid
Lot Number	000424-191104-22128 Fmoc-L-Dap(Fmoc)-OH
CAS Number	201473-90-7
Molecular Formula	C ₃₃ H ₂₈ N ₂ O ₆
Molecular Weight	548.58
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	183.4 - 187.3 °C
Water Content (Karl Fisher)	0.86%
Optical Rotation	[α] _D ²⁰ = -15.2 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.79% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.64%
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