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Certificate of Analysis

Catalogue Number	03763
Lot Number	000424-170304-22122
Product	<i>N</i>^α-Fmoc-<i>N</i>^β-Boc-L-2,3-diaminopropionic acid Fmoc-L-Dap(Boc)-OH
CAS Number	162558-25-0
Molecular Formula	C ₂₃ H ₂₆ N ₂ O ₆
Molecular Weight	426.46
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Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	137.8 - 139.5 °C
Water Content (Karl Fisher)	1.29%
Optical Rotation	[α] _D ²⁰ = - 20.0 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.08% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.38%
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