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Certificate of Analysis

Catalogue Number	14061
Lot Number	000424-210318-21443
Product	<i>N</i>^α-Fmoc-D-2,3-diaminopropionic acid Fmoc-D-Dap-OH•HCl
CAS Number	487027-89-4
Molecular Formula	C ₁₈ H ₁₈ N ₂ O ₄ •HCl
Molecular Weight	362.84

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml DMF)
Melting Point	176.9 - 187.2 °C
Water Content (Karl Fisher)	0.83%
Optical Rotation	[α] _D ²⁰ = 30.3 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.84% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.26%
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