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Certificate of Analysis

Catalogue Number	42547
Lot Number	000424-200310-23405
Product	(S)-Fmoc-2-amino-tetradecanoic acid (2S)-2-(Fmoc-amino)tetradecanoic acid
CAS Number	478706-50-2
Molecular Formula	C ₂₉ H ₃₉ NO ₄
Molecular Weight	465.62

Appearance	White powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	95.2 - 95.8 °C
Water Content (Karl Fisher)	0.48%
Optical Rotation	[α] _D ²⁰ = -10.1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	99.48%
Storage	Store at 2 - 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