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Certificate of Analysis

Catalogue Number	02670
Lot Number	000424-201122-35703
Product	<i>N</i>^α-Fmoc-<i>N</i>^α-Methyl-L-phenylalanine Fmoc-N-Me-L-Phe-OH
CAS Number	77128-73-5
Molecular Formula	C ₂₅ H ₂₃ NO ₄
Molecular Weight	401.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	133.5 - 134.5 °C
Water Content (Karl Fisher)	0.02%
Optical Rotation	[α] _D ²⁰ = -56.7 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.91% (60 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.95% (ee)
D-Enantiomer	0.0439%
Purity by HPLC	98.27%
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