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Certificate of Analysis

Catalogue Number	15056
Lot Number	000424-201130-23670
Product	Fmoc-3-methoxy-L-phenylalanine Fmoc-L-Phe(3-OMe)-OH Fmoc-3-methoxy-L-Phe-OH
CAS Number	206060-40-4
Molecular Formula	C ₂₅ H ₂₃ NO ₅
Molecular Weight	417.46

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	153.4 - 154.2 °C
Water Content (Karl Fisher)	0.05%
Optical Rotation	[α] ²⁰ _D = 32.6 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.20% (70 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.98% (ee)
D-Enantiomer	0.0163%
Purity by HPLC	99.49%
Storage	Store at 0-8°C

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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