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Certificate of Analysis

Catalogue Number	06903
Product	Fmoc-O-methyl-D-tyrosine
Lot Number	000424-180415-20704 Fmoc-D-Tyr(Me)-OH
CAS Number	201335-88-8
Molecular Formula	C ₂₅ H ₂₃ NO ₅
Molecular Weight	417.47

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	160.7 - 161.9 °C
Water Content (Karl Fisher)	0.17%
Optical Rotation	[α] _D ²⁰ = -5.7 ° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.16% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	99.94% (ee)
L-Enantiomer	0.0549%
Purity by HPLC	99.76%
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