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Certificate of Analysis

Catalogue Number	07399
Product	Fmoc-3,4,5-trifluoro-D-phenylalanine
Lot Number	000424-150908-23741 Fmoc-D-Phe(3,4,5-trifluoro)-OH
CAS Number	205526-31-4
Molecular Formula	C ₂₄ H ₁₈ F ₃ NO ₄
Molecular Weight	441.41
Appearance	White powder
Solubility	Clear solution (0.25 g in 25 mL MeOH)
Melting Point	168.1-168.3 °C
Optical Rotation	[α] _D ²⁰ = +39.9° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.03% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.15%
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