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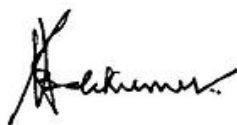
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	15113
Product	Fmoc-3-chloro-D-tyrosine
Lot Number	000424-230416-20714
	Fmoc-m-chloro-D-Tyr-OH
CAS Number	478183-59-4
Molecular Formula	C ₂₄ H ₂₀ ClNO ₅
Molecular Weight	437.87
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	130.9 - 137.5 °C
Water Content (Karl Fisher)	0.37%
Optical Rotation	[α] _D ²⁰ = 22.1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.88% (80 °C, 2h)
Chiral HPLC	100% (ee)
D-Enantiomer	Not detected
Purity by HPLC	98.40%
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