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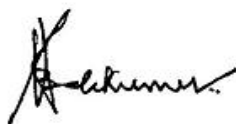
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	22656
Lot Number	000424-190107-20445
Product	Fmoc-4-[2-(Boc-amino)ethoxy]-L-phenylalanine Fmoc-4-[2-(Boc-amino)ethoxy]-L-Phe-OH
CAS Number	1013883-02-7
Molecular Formula	C ₃₁ H ₃₄ N ₂ O ₇
Molecular Weight	546.62

Appearance	White powder
Optical Rotation	[α] _D ²⁰ = -15.86 ° (C=1 in DMF)
Analysis by Mass Spectra	Conforms to standard
Related Substances	Not identified
¹H NMR	Conforms to structure
Chiral HPLC	99.3% (ee)
D-Enantiomer	0.7%
Purity by HPLC	99.1%
Storage	Store at ≤ -4 °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