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Certificate of Analysis

Catalogue Number	16738
Lot Number	000705-200925-21177
Product	Fmoc-α-methyl-D-4-fluorophenylalanine Fmoc- α -Me-D-Phe(4-F)-OH Fmoc-(R)-2-amino-2-methyl-3-(4-fluorophenyl)propanoic acid
CAS Number	1217777-84-8
Molecular Formula	C ₂₅ H ₂₂ FNO ₄
Molecular Weight	419.44

Appearance	White powder
TLC System	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with: UV/Iodine
Optical Rotation	[α] _D ²⁵ = -6.6 ° (C=1 in EtOH)
¹ H NMR	Conforms to structure
LCMS	Conforms to structure
L-Enantiomer	0.3%
Purity by HPLC	99.5%
Chiral Purity	99.7% (ee)
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