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Certificate of Analysis

Catalogue Number	33591
Lot Number	000424-190228-21198
Product	Fmoc-2,4-difluoro-L-phenylalanine Fmoc-L-Phe(2,4-DiF)-OH Fmoc-(S)-2-amino-3-(2,4-difluorophenyl)propionic acid
CAS Number	1032337-49-7
Molecular Formula	C ₂₄ H ₁₉ F ₂ NO ₄
Molecular Weight	423.41

Synonym 3	Fmoc-Phe(2,4-DiF)-OH
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	154.1 - 154.3 °C
Water Content (Karl Fisher)	0.14%
Optical Rotation	[α] ²⁰ _D = -44 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	1.72% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	97.67%
Storage	Store at 2 - 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