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Product Specifications

Catalogue Number	04121
Product	Fmoc-3,4-difluoro-L-phenylalanine
	Fmoc-L-Phe(3,4-DiF)-OH
	Fmoc-3,4-difluoro-L-Phe-OH
CAS Number	198560-43-9
Molecular Formula	C ₂₄ H ₁₉ F ₂ NO ₄
Molecular Weight	423.4
Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	165 - 168 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ²⁰ _D = -42 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only