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Product Specifications

Catalogue Number	03916
Product	Fmoc-3-fluoro-L-phenylalanine Fmoc-L-Phe(3-F)-OH Fmoc- <i>m</i> -fluoro-L-Phe-OH
CAS Number	198560-68-8
Molecular Formula	C ₂₄ H ₂₀ FNO ₄
Molecular Weight	405.4

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2mL DMF)
Melting Point	150 - 161 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -40 to -46 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only