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Product Specifications

Catalogue Number	04096
Product	Fmoc-2-chloro-L-phenylalanine Fmoc-L-Phe(2-Cl)-OH Fmoc-o-chloro-L-Phe-OH
CAS Number	198560-41-7
Molecular Formula	C ₂₄ H ₂₀ ClNO ₄
Molecular Weight	421.9
Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	130 - 136 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁰ _D = -46 ± 2 ° (C=2 in EtOH)
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