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Product Specifications

Catalogue Number	04103
Product	Fmoc-3-chloro-D-phenylalanine Fmoc-D-Phe(3-Cl)-OH Fmoc- <i>m</i> -chloro-D-Phe-OH
CAS Number	205526-23-4
Molecular Formula	C ₂₄ H ₂₀ ClNO ₄
Molecular Weight	421.9

Appearance	White powder
Solubility	Clear solution (0.3g in 2ml DMF)
Melting Point	121 - 126 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = 34 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only