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Product Specifications

Catalogue Number	02568
Product	Fmoc-4-chloro-L-phenylalanine Fmoc-L-Phe(4-Cl)-OH (S)-2-(Fmoc-amino)-3-(4-chlorophenyl)propionic acid
CAS Number	175453-08-4
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	170 - 200 °C
Optical Rotation	[α] _D ²⁰ = -31 ± 3 ° (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