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Product Specifications

Catalogue Number	03733
Product	Fmoc-D-phenylglycine Fmoc-D-Phg-OH (<i>R</i>)-Fmoc-2-aminophenylacetic acid
CAS Number	111524-95-9
Molecular Formula	C ₂₃ H ₁₉ NO ₄
Molecular Weight	373.4
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Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	168 - 182 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -81 ± 3 ° (C=1% in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (70 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only