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Product Specifications

Catalogue Number	05022
Product	Fmoc-3-(4'-pyridyl)-D-alanine Fmoc-D-Ala(4'-pyridyl)-OH Fmoc-β-(4'-pyridyl)-D-Ala-OH
CAS Number	205528-30-9
Molecular Formula	C ₂₃ H ₂₀ N ₂ O ₄
Molecular Weight	388.4

Appearance	White powder
Solubility	Clear solution (0.1 g in 4 mL DMF)
Melting Point	190 - 210 °C
Optical Rotation	[α] _{D20} = +46 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (80 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only