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Product Specifications

Catalogue Number	05019
Product	Boc-3-(4'-pyridyl)-L-alanine Boc-L-Ala(4'-pyridyl)-OH Boc-(S)-2-amino-3-(4'-pyridyl)propanoic acid
CAS Number	37535-57-2
Molecular Formula	C ₁₃ H ₁₈ N ₂ O ₄
Molecular Weight	266.3

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL AcOH)
Melting Point	224 - 232 °C
Optical Rotation	[α] ²⁰ _D = -30 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (105 °C, 2h)
¹H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only