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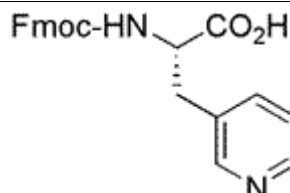
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02688
Product	Fmoc-3-(3'-pyridyl)-L-alanine Fmoc-L-Ala(3'-pyridyl)-OH Fmoc-β-(3'-pyridyl)-Ala-OH
CAS Number	175453-07-3
Molecular Formula	C ₂₃ H ₂₀ N ₂ O ₄
Molecular Weight	388.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	150 - 170 °C
Elemental Analysis (Theory)	≤ 5% (C, H, N)
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁵ = -44 ± 2.5 ° (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)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Purity by TLC	≥ 98%
Storage	Store at 0 - 8 °C

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Catalog Number: 02688

For Laboratory Use Only