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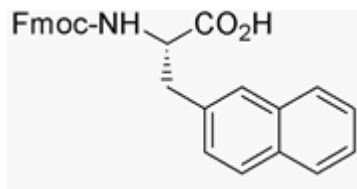
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02588
Product	Fmoc-3-(2-naphthyl)-L-alanine Fmoc-L-Ala(2-naphthyl)-OH Fmoc-(S)-2-amino-3-(naphthalen-2-yl)propanoic acid
CAS Number	112883-43-9
Molecular Formula	C ₂₈ H ₂₃ NO ₄
Molecular Weight	437.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	157 - 168 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁵ = -15 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (55 °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