

Chem-Impex International, Inc.

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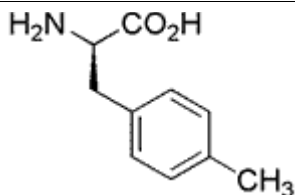
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	04990
Product	Fmoc-4-methyl-D-phenylalanine Fmoc-D-Phe(4-Me)-OH Fmoc- <i>p</i> -Me-D-Phe-OH
CAS Number	204260-38-8
Molecular Formula	C ₂₅ H ₂₃ NO ₄
Molecular Weight	401.46

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	167-172 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = +27 ± 5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (80 °C, 2 h)
¹ H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only