

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

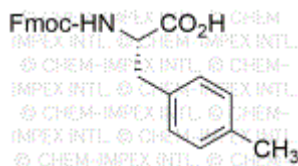
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	04991
Product	Fmoc-4-methyl-L-phenylalanine Fmoc-L-Phe(4-Me)-OH Fmoc- <i>p</i> -Me-L-Phe-OH
CAS Number	199006-54-7
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	165 - 175 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁰ _D = -31 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (75 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only