

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

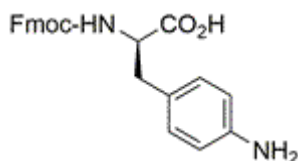
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	35195
Product	Fmoc-4-amino-D-phenylalanine Fmoc-D-Phe(4-NH ₂)-OH (<i>R</i>)-Fmoc-2-amino-3-(4-aminophenyl)propionic acid
CAS Number	324017-21-2
Molecular Formula	C ₂₄ H ₂₂ N ₂ O ₄
Molecular Weight	402.5

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	189 - 192 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ²⁰ _D = 10 ± 2 ° (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)
L-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 97%
Storage	Store at RT

For Laboratory Use Only