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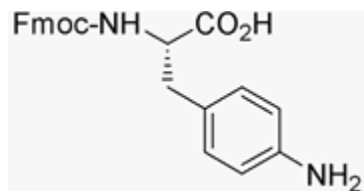
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 05751

Product **Fmoc-4-amino-L-phenylalanine**

Fmoc-L-Phe(4-NH₂)-OH

Fmoc-*p*-amino-L-Phe-OH

CAS Number 95753-56-3

Molecular Formula C₂₄H₂₂N₂O₄

Molecular Weight 402.5

Appearance Off-white to light yellow powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 190-205 °C

Water Content (Karl Fisher) ≤ 0.5%

Optical Rotation [α]_D²⁰ = -9 ± 2° (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 2% (100 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only