

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

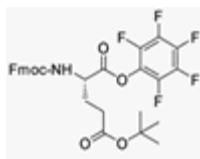
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number 02414

Product

Fmoc-L-glutamic acid γ -tert-butyl ester α -pentafluorophenyl ester

Fmoc-L-Glu(OtBu)-OPfp

CAS Number 86061-04-3

Molecular Formula C₃₀H₂₆F₅NO₆

Molecular Weight 591.5

Appearance White powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 119-126 °C

Water Content (Karl Fisher) $\leq 0.5\%$

Optical Rotation $[\alpha]_D^{20} = -31 \pm 2^\circ$ (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying $\leq 0.5\%$ (60 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC $\geq 98\%$

Storage Store at 0-8 °C

For Laboratory Use Only