

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 03787

Product

Boc-L-glutamic acid α -tert-butyl ester

Boc-L-Glu-OtBu

CAS Number 24277-39-2

Molecular Formula C₁₄H₂₅NO₆

Molecular Weight 303.36

Appearance White powder

Solubility Clear solution (0.3 g in 2 mL MeOH)

Melting Point 111 - 114 °C

Water Content (Karl Fisher) ≤ 6%

Optical Rotation [α]²⁰_D = -17 ± 2 ° (C=1 in EtOAc)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1% (45 °C, 2h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at ≤ -4 °C

For Laboratory Use Only