

Chem-Impex International, Inc.

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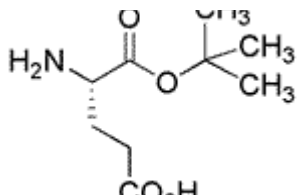
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03335
Product	L-Glutamic acid α-tert-butyl ester L-Glu-OtBu
CAS Number	45120-30-7
Molecular Formula	C ₉ H ₁₇ NO ₄
Molecular Weight	203.2

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL Water)
Melting Point	135 - 145 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	$[\alpha]_D^{20} = 13 \pm 2^\circ$
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2% (60 °C. 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only