

Chem-Impex International, Inc.

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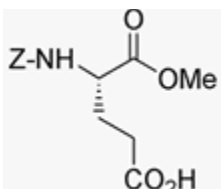
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03875
Product	Z-L-glutamic acid α-methyl ester
	Z-L-Glu-OMe
CAS Number	5672-83-3
Molecular Formula	C ₁₄ H ₁₇ NO ₆
Molecular Weight	295.29
Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 ml EtOH)
Melting Point	64-72 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = - 24 ± 2 ° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	≤ 1% (30 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8°C

For Laboratory Use Only