

Chem-Impex International, Inc.

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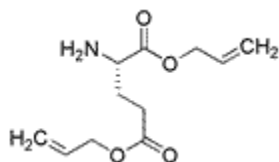
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	23209
Product	L-Glutamic acid diallyl ester tosylate
	Glu(OAll)-OAll·TosOH
CAS Number	20845-16-3
Molecular Formula	C ₁₁ H ₁₇ NO ₄ ·C ₇ H ₈ O ₃ S
Molecular Weight	399.46

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	89-95 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = +5.5 ± 0.5° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (40 °C, 2 hour)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only