

Chem-Impex International, Inc.

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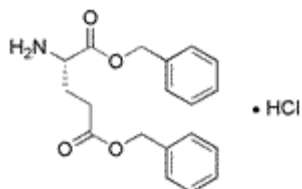
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	31943
Product	L-Glutamic acid dibenzyl ester hydrochloride
	L-Glu(OBzl)-OBzl•HCl
	Dibenzyl L-glutamate hydrochloride
CAS Number	4561-10-8
Molecular Formula	C ₁₉ H ₂₁ NO ₄ •HCl
Molecular Weight	363.84
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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 ml MeOH)
Melting Point	100-103 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = + 9 ± 1 ° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only