

Chem-Impex International, Inc.

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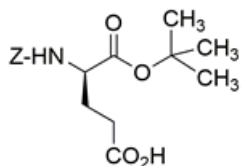
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 41305 |
| Product | Z-D-glutamic acid α-tert-butyl ester Z-D-Glu-OtBu |
| CAS Number | 20918-72-3 |
| Molecular Formula | C ₁₇ H ₂₃ NO ₆ |
| Molecular Weight | 337.4 |

| | |
|------------------------------------|--|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 g in 2 mL MeOH) |
| Melting Point | 80 - 82 °C |
| Water Content (Karl Fisher) | ≤ 1% |
| Optical Rotation | [α] _{20D} = 25 ± 1 ° (C = 1 in MeOH) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1% (35 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 98% |
| Storage | Store at 2 - 8 °C |

For Laboratory Use Only