

Chem-Impex International, Inc.

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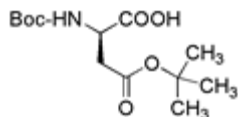
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 23174 |
| Product | Boc-D-aspartic acid-β-tert-butyl ester |
| | Boc-D-Asp(OtBu)-OH |
| CAS Number | 155542-33-9 |
| Molecular Formula | C ₁₃ H ₂₃ NO ₆ |
| Molecular Weight | 289.3 |

| | |
|------------------------------------|--|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 g in 2 mL MeOH) |
| Water Content (Karl Fisher) | $\leq 4\%$ |
| Optical Rotation | $[\alpha]_D^{20} = +19.5 \pm 3^\circ$ (C=2 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | $\geq 99\%$ |
| Storage | Store at 0-8 °C |

For Laboratory Use Only