

Chem-Impex International, Inc.

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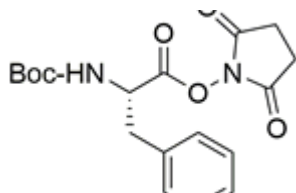
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 03674 |
| Product | Boc-L-phenylalanine N-hydroxysuccinimide Boc-L-Phe-OSu |
| CAS Number | 3674-06-4 |
| Molecular Formula | C ₁₈ H ₂₂ N ₂ O ₆ |
| Molecular Weight | 362.4 |

| | |
|------------------------------------|---|
| Appearance | White powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 151 - 153 °C |
| Water Content (Karl Fisher) | ≤ 1% |
| Optical Rotation | [α] _D ²⁰ = -51 ± 1 ° (C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1% (50 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Chiral HPLC | ≥ 99.5% (ee) |
| D-Enantiomer | ≤ 0.5% |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only