

Chem-Impex International, Inc.

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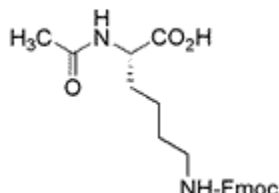
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 14738 |
| Product | <i>N</i>^α-Ac-<i>N</i>^ε-2-Fmoc-L-lysine |
| | Ac-L-Lys(Fmoc)-OH |
| CAS Number | 148101-51-3 |
| Molecular Formula | C ₂₃ H ₂₆ N ₂ O ₅ |
| Molecular Weight | 410.47 |

| | |
|---------------------------------|--|
| Appearance | White powder |
| Solubility | Clear solution (0.3 g in 6mL MeOH) |
| Melting Point | 165-169 °C |
| Optical Rotation | [α] _D ²⁰ = +4 ± 0.5° (C=1 in MeOH) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1.0% (70 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 98% |
| Storage | Store at 0-8 °C |

For Laboratory Use Only