

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 05366 |
| Product | <i>N</i>^ε-Fmoc-L-lysine methyl ester hydrochloride |
| | L-Lys(Fmoc)-OMe•HCl |
| CAS Number | 201009-98-5 |
| Molecular Formula | C ₂₂ H ₂₆ N ₂ O ₄ •HCl |
| Molecular Weight | 418.9 |

| | |
|------------------------------------|--|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.3 g in 2 mL DMF) |
| Melting Point | 163-167 °C |
| Water Content (Karl Fisher) | ≤ 0.5% |
| Optical Rotation | [α] _D ²⁰ = +11 ± 2° (C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1.0% (80 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0-8 °C |

For Laboratory Use Only