

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 03198
Product **Fmoc-L-leucinol**

Fmoc-Leu-ol

CAS Number 139551-83-0

Molecular Formula C₂₁H₂₅NO₃

Molecular Weight 339.4

Appearance White powder

Solubility Clear solution (0.3 g in 2 mL DMF)

Melting Point 131-134 °C

**Water Content (Karl
Fisher)** ≤ 1.0%

Optical Rotation [α]_D²⁰ = -22 ± 2° (C=1 in DMF)

Infrared Spectrum Conforms to structure

Analysis by Mass Spectra Conforms to standard

Loss on Drying ≤ 1.0% (60 °C, 2 h)

¹H NMR Conforms to structure

Purity by HPLC ≥ 98%

Storage Store at 0-8 °C

For Laboratory Use Only