

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

Certificate of Analysis

Catalogue Number 05310
Lot Number 130120-37014
Product ***N*^α-Fmoc-*N*^δ-2-chloro-*Z*-L-ornithine**

Fmoc-L-Orn(2-Cl-Z)-OH

CAS Number 198561-86-3
Molecular Formula C₂₈H₂₇N₂O₆Cl
Molecular Weight 527

Appearance White powder
Solubility Clear colorless solution (0.1g in 4mL DMF)
Melting Point 167.3-178.0 °C
Optical Rotation [α]_D²⁰ = -1.09° (C=2% in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
¹H NMR Conforms to structure
Purity by HPLC 98.57%
Storage Store at 0-8°C

Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager