

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	05749
Product	<i>N</i>^α-Fmoc-<i>N</i>^δ-L-ornithine hydrochloride Fmoc-L-Orn-OH•HCl
CAS Number	201046-57-3
Molecular Formula	C ₂₀ H ₂₂ N ₂ O ₄ •HCl
Molecular Weight	390.91
Appearance	White to off-white powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	130 - 170 °C
Water Content (Karl Fisher)	≤ 3.0%
Optical Rotation	[α] ²⁰ _D = -13 ± 2 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2.0% (80 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only