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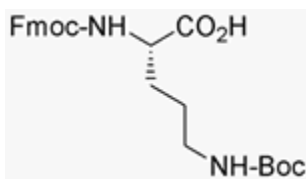
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	02442
Product	N^α-Fmoc-N^δ-Boc-L-ornithine
	Fmoc-L-Orn(Boc)-OH
CAS Number	109425-55-0
Molecular Formula	C ₂₅ H ₃₀ N ₂ O ₆
Molecular Weight	454.5

Appearance	White or off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -8 ± 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 hour)
¹H NMR	Conforms to structure
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 98%
Chiral Purity	≥ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only