

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	02431
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-Boc-D-lysine Fmoc-D-Lys(Boc)-OH
CAS Number	92122-45-7
Molecular Formula	C ₂₆ H ₃₂ N ₂ O ₆
Molecular Weight	468.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	125 - 140 °C
Water Content (Karl Fisher)	≤ 1%
Kaiser Test	≤ 0.05%
Optical Rotation	[α] _D ²⁰ = 12 ± 2.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only