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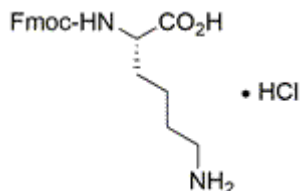
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	33081
Product	Fmoc-Lys-OH·HCl <i>N</i> ^α -Fmoc-L-lysine hydrochloride
CAS Number	139262-23-0
Molecular Formula	C ₂₁ H ₂₄ N ₂ O ₄ ·HCl
Molecular Weight	404.9

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	~ 190 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] ^{21.8} _D = -10 ± 2.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 2%
Related Substances	Not identified
¹ H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 99%
Storage	Store at 2 - 8 °C

For Laboratory Use Only