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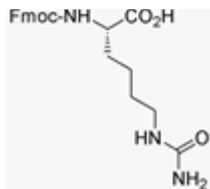
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05722
Product	Fmoc-L-homocitrulline
	Fmoc-L-HomoCit-OH
	<i>N</i> ^α -Fmoc- <i>N</i> ^ε -carbamoyl-L-lysine
CAS Number	201485-17-8
Molecular Formula	C ₂₂ H ₂₅ N ₃ O ₅
Molecular Weight	411.4

Appearance	White to pale yellow powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	168 - 171 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁰ _D = -14 ± 1 ° (C=2 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (105 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

For Laboratory Use Only