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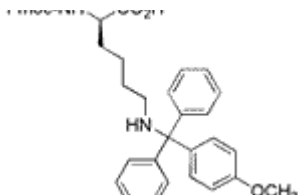
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	31939
Product	<i>N</i>^α-Fmoc-<i>N</i>^ε-4-methoxytrityl-D-lysine Fmoc-D-Lys(Mmt)-OH Fmoc-D-Lys(4-methoxytrityl)-OH
CAS Number	2044710-18-9
Molecular Formula	C ₄₁ H ₄₀ N ₂ O ₅
Molecular Weight	640.8

Appearance	Beige or off-white powder
Solubility	Clearly soluble (0.5 mmol in 1 ml DMF)
Water Content (Karl Fisher)	≤ 0.5%
Kaiser Test	Negative to slightly positive
Optical Rotation	[α] _D ²⁰ = 9 ± 1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Assay	≥ 97%
Chiral HPLC	≥ 99% (ee)
L-Enantiomer	≤ 1%
Purity by HPLC	≥ 99% (265 nm) ≥ 98% (220 nm)
Purity by TLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only