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Certificate of Analysis

Catalogue Number	31971
Lot Number	000424-221201-22747
Product	<i>N</i>^β-Fmoc-<i>N</i>^ω-Boc-D-β-homolysine Fmoc-D-β-HomoLys(Boc)-OH
CAS Number	266318-77-8
Molecular Formula	C ₂₇ H ₃₄ N ₂ O ₆
Molecular Weight	482.58

Appearance	White powder
Solubility	Clear solution (0.1 g in 10 mL DMF)
Melting Point	124.6 - 127.8 °C
Water Content (Karl Fisher)	0.21%
Optical Rotation	[α] _D ²⁰ = 12.3 ° (C=1 in CH ₃ Cl)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	98.04%
Storage	Store at ≤ -4 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager