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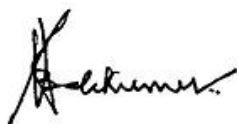
Wood Dale, IL 60191

Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 14855 |
| Lot Number | 000424-190311-36839 |
| Product | <i>N</i>^α-Fmoc-<i>N</i>^ε-7-methoxycoumarin-4-acetyl-L-lysine Fmoc-L-Lys(Mca)-OH |
| CAS Number | 386213-32-7 |
| Molecular Formula | C ₃₃ H ₃₂ N ₂ O ₈ |
| Molecular Weight | 584.63 |

| | |
|---------------------------------|--|
| Appearance | White powder |
| Solubility | Clear solution (0.1g in 10 mL DMF) |
| Melting Point | 181.3 - 185.9 °C |
| Optical Rotation | [α] ²⁰ _D = -10.3 ° (C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.62% (80 °C , 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | 97.27% |
| Storage | Store at RT |
| 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