

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 47727 |
| Lot Number | 000129-230276 |
| Product | <i>N</i>^a-Fmoc-<i>N</i>^e-(4-pentynoyl)-D-lysine Fmoc-D-Lys(pentynoyl)-OH (2 <i>R</i>)-2-Fmoc-amino-6- (pent-4-ynamido)hexanoic acid |
| CAS Number | 2576508-18-2 |
| Molecular Formula | C ₂₆ H ₂₈ N ₂ O ₅ |
| Molecular Weight | 448.5 |

| | |
|---------------------------|--|
| Appearance | White powder |
| Melting Point | 114 - 116 °C |
| Optical Rotation | [α] _D ²⁰ = 13.6 ° (C=1 in DMF) |
| Assay by titration | 99.6% |
| Chiral HPLC | > 99.9% (ee) |
| L-Enantiomer | < 0.1% |
| Purity by HPLC | 99.3% |
| Purity by TLC | > 99% |
| Storage | Store at 2 - 8 °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