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Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 02429 |
| Product | Fmoc-L-leucine N-hydroxysuccinimide ester Fmoc-L-Leu-OSu (S)-Fmoc-2-amino-4-methylpentanoic acid N-hydroxysuccinimide |
| CAS Number | 76542-83-1 |
| Molecular Formula | C ₂₅ H ₂₆ N ₂ O ₆ |
| Molecular Weight | 450.5 |

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|------------------------------------|--|
| Appearance | White powder |
| Solubility | Clear solution (0.3 g in 2mL DMF) |
| Melting Point | 120 - 125 °C |
| Water Content (Karl Fisher) | ≤ 2% |
| Optical Rotation | [α] _D ²⁰ = -37 ± 2 ° (C=1 in AcOH) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1% (40 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 98% |
| Storage | Store at 0 - 8 °C |

For Laboratory Use Only