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Certificate of Analysis

Catalogue Number 02484
Lot Number 000424-140422-35902
Product ***N*^α-Fmoc-*N*ⁱⁿ-Boc-D-tryptophan**

Fmoc-D-Trp(Boc)-OH

CAS Number 163619-04-3
Molecular Formula C₃₁H₃₀N₂O₆
Molecular Weight 526.6

Appearance White powder
Solubility Clear solution (0.3 g in 2 ml DMF)
Water Content (Karl Fisher) 1.764%
Kaiser Test < 0.05%
Optical Rotation [α]_D²⁰ = +20.9° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 1.2% (40 °C, 2h)
¹H NMR Conforms to structure
L-Enantiomer 0.0484%
Purity by HPLC 98.07%
Purity by TLC > 98%
Storage Store at 0-8 °C

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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