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Certificate of Analysis

Catalogue Number 03950
Lot Number 000424-150624-20304
Product **Boc-4-(Fmoc-amino)-D-phenylalanine**

Boc-D-Phe(4-NH-Fmoc)-OH

Boc-*p*-(Fmoc-amino)-D-Phe-OH

CAS Number 173054-11-0

Molecular Formula C₂₉H₃₀N₂O₆

Molecular Weight 502.56

Appearance White to off-white powder
Solubility Clear solution (1 mmol in 2 mL DMF)
Melting Point 121.7-132.9 °C
Water Content (Karl Fisher) 3.047%
Optical Rotation [α]_D²⁰ = +3.8° (C=1 in MeOH)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.29% (50 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 98.93%
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