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Certificate of Analysis

Catalogue Number 02464
Lot Number 000424-150811-36903
Product **Fmoc-O-benzyl-L-tyrosine**

Fmoc-L-Tyr(Bzl)-OH

CAS Number 71989-40-7
Molecular Formula C₃₁H₂₇NO₅

Molecular Weight 493.6

Appearance White to off-white powder
Solubility Clear solution (0.3 g in 2mL DMF)
Melting Point 136.5-139.4 °C
Water Content (Karl Fisher) 1.138%
Optical Rotation [α]_D²⁰ = -16.45° (C=2 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.64% (70 °C, 2 hour)
¹H NMR Conforms to structure
D-Enantiomer Not detectable
Purity by HPLC 98.82%
Chiral Purity 100% (ee)
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