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Certificate of Analysis

Catalogue Number 04027
Lot Number 000424-150630-31825
Product **Boc-D-tyrosine methyl ester**

Boc-D-Tyr-OMe

CAS Number 76757-90-9
Molecular Formula C₁₅H₂₁NO₅

Molecular Weight 295.34

Appearance White powder
Solubility Clear solution (0.3 g in 2 mL DMF)
Water Content (Karl Fisher) 0.178%
Optical Rotation [α]_D²⁰ = -47.7° (C=1 in CHCl₃)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.84% (40 °C, 2h)
¹H NMR Conforms to structure
L-Enantiomer Not detectable
Purity by HPLC 98.56%
Storage Store at 0-8 °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