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Certificate of Analysis

Catalogue Number 07402
Lot Number 000424-160305-20754
Product **Fmoc-2-bromo-L-phenylalanine**

Fmoc-L-Phe(2-Br)-OH

Fmoc-*o*-bromo-L-Phe-OH

CAS Number 220497-47-2
Molecular Formula C₂₄H₂₀BrNO₄
Molecular Weight 466.3

Appearance White powder
Solubility Clear solution (0.1 g in 2 mL DMF)
Melting Point 160.3-169.6 °C
Water Content (Karl Fisher) 0.59%
Optical Rotation [α]_D²⁵ = -69.3° (C=1 in DMF)
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to standard
Loss on Drying 0.58% (60 °C, 2h)
¹H NMR Conforms to structure
Purity by HPLC 99.49%
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