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Certificate of Analysis

Catalogue Number	14832
Product	Fmoc-L-aspartic acid β-methylpentyl ester
Lot Number	000424-130123-36528 Fmoc-L-Asp(OMpe)-OH (S)-3-(Fmoc-amino)-4-(4-methylpentylloxy)-4-oxobutyric acid
CAS Number	180675-08-5
Molecular Formula	C ₂₅ H ₂₉ NO ₆
Molecular Weight	439.51

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	101.9-110.3 °C
Water Content (Karl Fisher)	0.06%
Optical Rotation	[α] _D ²⁰ = -21.10° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.10%
¹H NMR	Conforms to structure
Purity by HPLC	99.55%
Storage	Store at 0-8 °C

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Lot Number: 000424-130123-36528

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