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Certificate of Analysis

Catalogue Number	11841
Lot Number	000424-141111-31520
Product	Boc-D-serine benzyl ester Boc-D-Ser-OBzl Boc-D- β -hydroxyalanine benzyl ester
CAS Number	141527-78-8
Molecular Formula	C ₁₅ H ₂₁ NO ₅
Molecular Weight	295.34

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	68.3-69.0 °C
Water Content (Karl Fisher)	0.028%
Optical Rotation	[α] _D ²⁰ = + 14.4° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.33% (30 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.51%
Storage	Store at 0-8 °C

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Catalog Number: 11841

Lot Number: 000424-141111-31520

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