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Product Specifications

Catalogue Number	11841
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 to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	66-70 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = + 15 ± 2° (C=1 in EtOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (30 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only