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Product Specifications

Catalogue Number	05706
Product	Fmoc-O-benzyl-D-serine Fmoc-D-Ser(Bzl)-OH
CAS Number	122889-11-6
Molecular Formula	C ₂₅ H ₂₃ NO ₅
Molecular Weight	417.5

Appearance	White to off-white powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	123-147 °C
Water Content (Karl Fisher)	≤ 1.0%
Optical Rotation	[α] _D ²⁰ = -23 ± 2° (C=1 in EtOAc)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 0.5% (50 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only