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Certificate of Analysis

Catalogue Number	03734
Product	Fmoc-O-benzylphospho-L-serine
Lot Number	001773-1601 Fmoc-L-Ser(HPO ₃ Bzl)-OH
CAS Number	158171-14-3
Molecular Formula	C ₂₅ H ₂₄ NO ₈ P
Molecular Weight	497.4

Appearance	White powder
Solubility	Clear colorless solution (1 mmole in 1 mL DMF)
Melting Point	115-117 °C
Water Content (Karl Fisher)	0.2%
Optical Rotation	[α] _D ²⁵ = -11° (C = 1% in Dioxane)
Assay by titration	97.2%
Purity by HPLC	97.9%
Purity by TLC	> 99%
Storage	Store at 0-8 °C
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