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Certificate of Analysis

Catalogue Number	29323
Product	(R)-Fmoc-2-amino-3-(3-tert-butoxycarbonyl-propylsulfanyl)propionic acid
Lot Number	000424-180820-35224
	Fmoc-L-Cys(tert-butoxycarbonylpropyl)-OH
CAS Number	102971-73-3
Molecular Formula	C ₂₆ H ₃₁ NO ₆ S
Molecular Weight	485.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	88.7 - 94.5 °C
Water Content (Karl Fisher)	0.27%
Optical Rotation	[α] _D ²⁰ = -30.1 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	98.57%
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