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Certificate of Analysis

Catalogue Number	35212
Product	Fmoc-S-[(S)-2,3-bis(palmitoyloxy)propyl]-L-cysteine
Lot Number	000424-170922-35227 Fmoc-(S)Pam ₂ Cys-OH
CAS Number	139573-78-7
Molecular Formula	C ₅₃ H ₈₃ NO ₈ S
Molecular Weight	894.31

Appearance	Off-white powder
Solubility	Clear solution (0.1 g in 2 mL Chloroform)
Melting Point	76.7 - 79.1 °C
Optical Rotation	[α] ²⁰ _D = 10.7 ° (C= 0.55 in CHCl ₃)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.22% (40 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	96.41%
Storage	Store at ≤ -20 °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