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Certificate of Analysis

Catalogue Number	02396
Lot Number	000424-170411-36302
Product	Fmoc-S-acetamidomethyl-L-cysteine

Fmoc-L-Cys(Acm)-OH

CAS Number	86060-81-3
Molecular Formula	C ₂₁ H ₂₂ N ₂ O ₅ S
Molecular Weight	414.5

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	149.3 - 155.9 °C
Elemental Analysis (Found)	< 5.0% (C, H, N)
Optical Rotation	[α] _D ²⁰ = - 32.1 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Chiral HPLC	100% (ee)
D-Enantiomer	Not detectable
Purity by HPLC	98.53%
Purity by TLC	> 98%
Storage	Store at 0-8 °C

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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