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Certificate of Analysis

Catalogue Number	02400
Lot Number	000424-170902-35203
Product	Fmoc-S-4-methoxybenzyl-L-cysteine

Fmoc-L-Cys(pMeOBzl)-OH

CAS Number	141892-41-3
Molecular Formula	C ₂₆ H ₂₅ NO ₅ S
Molecular Weight	463.6

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	141.9 - 142.3 °C
Water Content (Karl Fisher)	0.25%
Optical Rotation	[α] _D ²⁰ = - 40.6° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.06% (60°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.52%
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