

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	05694
Product	Fmoc-S-4-methoxybenzyl-D-cysteine
Lot Number	000424-211008-39085 Fmoc-D-Cys(pMeOBzl)-OH
CAS Number	200354-43-4
Molecular Formula	C ₂₆ H ₂₅ NO ₅ S
Molecular Weight	463.6
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Appearance	White powder
Solubility	Clear solution (0.3g in 2mL DMF)
Melting Point	137.8 - 140.0 °C
Water Content (Karl Fisher)	0.21%
Optical Rotation	[α] _D ²⁰ = 40.4 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.07% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	98.95%
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