

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	33078
Lot Number	000424-180925-21036
Product	Fmoc-L-Cys(Phacm)-OH <i>N</i> ^α -(9-Fluorenylmethyloxycarbonyl)- <i>S</i> -Phenylacetylaminomethyl)-L-cysteine
CAS Number	159680-21-4
Molecular Formula	C ₂₇ H ₂₆ N ₂ O ₅ S

Appearance	White powder
Solubility	Clear solution (0.1 g in 2ml DMF)
Melting Point	158.1 - 158.4 °C
Water Content (Karl Fisher)	0.228%
Optical Rotation	[α] _D ²⁰ = - 34.5 ° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
D-Enantiomer	0.0079%
Purity by HPLC	99.52%
Storage	Store at 2-8°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