

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	35213
<b>Lot Number</b>	000424-170711-35226
<b>Product</b>	<b>Fmoc-S-[(R)-2,3-bis(palmitoyloxy)propyl]-L-cysteine</b> Fmoc-(R)Pam <sub>2</sub> Cys-OH
<b>CAS Number</b>	139573-77-6
<b>Molecular Formula</b>	C <sub>53</sub> H <sub>83</sub> NO <sub>8</sub> S
<b>Molecular Weight</b>	894.31

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.1 g in 2 mL CHCl <sub>3</sub> )
<b>Melting Point</b>	89.3 - 89.7 °C
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 10.4 ° (C=0.58 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	0.06% (40 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.23%
<b>Storage</b>	Store at ≤ -20 °C
<b>Remarks</b>	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