

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	31665
<b>Lot Number</b>	000424-190924-36874
<b>Product</b>	<b>(R)-Fmoc-2-amino-2-methyl-3-tritylsulfanyl-propionic acid</b> Fmoc- $\alpha$ -Me-L-Cys(Trt)-OH
<b>CAS Number</b>	725728-43-8
<b>Molecular Formula</b>	C <sub>38</sub> H <sub>33</sub> NO <sub>4</sub> S
<b>Molecular Weight</b>	599.74

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	$[\alpha]_D^{20} = 45.4^\circ$ (C=0.25 in CH <sub>3</sub> OH)
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	99.8% (ee)
<b>Other Enantiomer</b>	0.2%
<b>Purity by HPLC</b>	99.8%
<b>Storage</b>	Store at 0 - 8 °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