

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	02062
<b>Lot Number</b>	001328-20140705
<b>Product</b>	<b>Fmoc-S-acetamidomethyl-L-penicillamine</b>  Fmoc-L-Pen(Acm)-OH  Fmoc-S-acetamidomethyl- $\beta,\beta$ -dimethyl-L-Cys-OH
<b>CAS Number</b>	201531-76-2
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>26</sub> N <sub>2</sub> O <sub>5</sub> S
<b>Molecular Weight</b>	442.5

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<b>Appearance</b>	White solid
<b>Optical Rotation</b>	$[\alpha]_D^{25} = -4.8^\circ$ (C=1.1 in MeOH)
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	99.83%
<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