

# Chem-Impex International, Inc.

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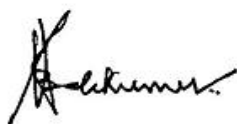
## Certificate of Analysis

<b>Catalogue Number</b>	03736
<b>Lot Number</b>	000424-140303-36130
<b>Product</b>	<b>Fmoc-O-tert-butyl-L-serine N-hydroxysuccinimide ester</b> Fmoc-O-tert-butyl-L-serine N-hydroxysuccinimide ester
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>28</sub> N <sub>2</sub> O <sub>7</sub>
<b>Molecular Weight</b>	480.4

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.1g in 2mL DMF)
<b>Melting Point</b>	98.2-100.1 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -13.3° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.70%
<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