

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	31677
<b>Lot Number</b>	000630-26723
<b>Product</b>	<b>(S)-Fmoc-3-methyl-piperidine-3-carboxylic acid</b>
<b>CAS Number</b>	1415018-78-8
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	365.43

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +18.3° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	M = 365
<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>	99.2%
<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