

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	28557
<b>Lot Number</b>	000603-24235
<b>Product</b>	<b>(S)-N-<math>\alpha</math>-Fmoc-N'-Boc-homolysine</b>  Fmoc-L-Holys(Boc)-OH  (S)-Fmoc-2-amino-7-(Boc-amino)-heptanoic acid
<b>CAS Number</b>	194718-17-7
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	482.57

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<b>Appearance</b>	White powder
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -10.5° (C=1 in DMF)
<b>Analysis by Mass Spectra</b>	M = 481.8
<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>	98%
<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