

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15444
<b>Lot Number</b>	20071118
<b>Product</b>	<b>Fmoc-(S)-3-amino-3-(4-fluorophenyl)propionic acid</b> Fmoc-L-β-Phe(4-F)-OH (S)-Fmoc-4-fluoro-β-phenylalanine
<b>CAS Number</b>	479064-89-6
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>20</sub> FNO <sub>4</sub>
<b>Molecular Weight</b>	405.42

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<b>Appearance</b>	White solid
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = -25.5° (C=1 in DMF)
<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>	99.349%
<b>Storage</b>	Store at 2-8 °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