

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	47722
<b>Lot Number</b>	000129-180196
<b>Product</b>	<b><i>N</i><sup>a</sup>-Fmoc-<i>N</i><sup>e</sup>-Boc-<i>N</i><sup>e</sup>-Methyl-D-lysine</b> Fmoc-D-Lys(Boc,Me)-OH
<b>CAS Number</b>	2044709-77-3
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	482.6

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	123 - 125 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 13.3 ° (C=1 in DMF)
<b>Assay by titration</b>	99.2%
<b>L-Enantiomer</b>	0.15%
<b>Purity by HPLC</b>	99.7%
<b>Purity by TLC</b>	> 99%
<b>Chiral Purity</b>	99.85% (ee)
<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