

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16193
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>ε</sup>-1-(4,4-dimethyl-2,6-dioxocyclohex-1-ylidene)-3-methylbutyl-D-lysine</b>
<b>Lot Number</b>	000129-08632 Fmoc-D-Lys(ivDde)-OH
<b>CAS Number</b>	1272755-33-5
<b>Molecular Formula</b>	C <sub>34</sub> H <sub>42</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	574.7

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	66-69 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -10.9° (C=1 in CHCl <sub>3</sub> ) no corrected to net substance
<b>Residual Solvents</b>	Hexane, MTBE
<b>Assay by titration</b>	95.4%
<b>Purity by HPLC</b>	99.1%
<b>Purity by TLC</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