

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12620
<b>Lot Number</b>	000129-11046
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>δ</sup>-(4,4-dimethyl-2,6-dioxocyclohex-1-ylidene)-3-methylbutyl-L-ornithine</b> Fmoc-L-Orn(ivDde)-OH
<b>CAS Number</b>	1198321-33-3
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>40</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	560.6

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	59-62 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +32.2° (C=1 in CHCl <sub>3</sub> )
<b>Solvent</b>	DCM, Hexane
<b>Assay by titration</b>	80.5%
<b>Purity by HPLC</b>	99%
<b>Purity by TLC</b>	> 99%
<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