

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	16153
<b>Product</b>	<b><i>N</i><sup>α</sup>-(4,4-Dimethyl-2,6-dioxocyclohex-1-ylidene) ethyl-<i>N</i><sup>γ</sup>-Fmoc-D-2,4-diaminobutyric acid</b>
<b>Lot Number</b>	10179 Dde-D-Dab(Fmoc)-OH
<b>CAS Number</b>	1263046-84-9
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>32</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	504.6

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	152-154 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +35.6° (C=1 in MeOH) Not corrected to net substance
<b>Residual Solvents</b>	DIPE
<b>Assay by titration</b>	94.4%
<b>Purity by HPLC</b>	99.3%
<b>Purity by TLC</b>	> 98%
<b>Storage</b>	Store at 0-8 °C

**Remarks** 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**