

# Chem-Impex International, Inc.

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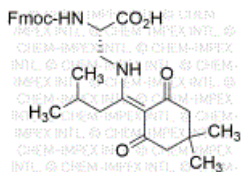
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	47713
<b>Product</b>	<b><i>N</i><sup>a</sup>-(4,4-Dimethyl-2,6-dioxocyclohex-1-ivDde-Dap(Fmoc)-OH</b>
<b>CAS Number</b>	2389078-71-9
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>36</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	532.6

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<b>Appearance</b>	White crystalline powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -57 to -53 ° (C=1 in MeOH)
<b>Assay by titration</b>	≥ 96%
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Application</b>	ivDde-Dap(Fmoc) is used as an orthogonally protected Dap building block for solid-phase peptide synthesis
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**