

# *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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## *Product Specifications*

<b>Catalogue Number</b>	03695
<b>Product</b>	<b>Fmoc-L-aspartic acid <math>\beta</math>-4-[N-{1-(4,4-dimethyl-2,6-dioxocyclohexylidene)-3-methylbutyl}amino]benzyl ester</b> Fmoc-L-Asp(ODmab)-OH
<b>CAS Number</b>	269066-08-2
<b>Molecular Formula</b>	C <sub>39</sub> H <sub>42</sub> N <sub>2</sub> O <sub>8</sub>
<b>Molecular Weight</b>	666.7

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<b>Appearance</b>	White to yellow powder or off-white powder
<b>Solubility</b>	Clear colorless to yellow solution (5% in MeOH)
<b>Melting Point</b>	142 - 147 °C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = 25 ± 2.5 ° (C=1 in CH <sub>2</sub> Cl <sub>2</sub> )
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>D-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 97%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at ≤ -15 °C

**For Laboratory Use Only**