

# Chem-Impex International, Inc.

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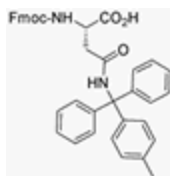
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	03905
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>γ</sup>-4-methyltrityl-L-asparagine</b>
	Fmoc-L-Asn(Mtt)-OH
<b>CAS Number</b>	144317-22-6
<b>Molecular Formula</b>	C <sub>39</sub> H <sub>34</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	610.72
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear, colorless solution (50mg/mL in Dioxane)
<b>Melting Point</b>	192-196 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid/Water (85:13:0.5:1.5) Chloroform/Methanol/Acetic acid (90:8:2) Benzene/Dioxane/Acetic acid (95:25:4) Plate: Silica gel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = -13.5 ± 2° (C=1 in MeOH)
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8 °C

**For Laboratory Use Only**