

# Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

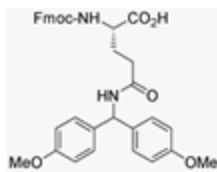
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



## Product Specifications

<b>Catalogue Number</b>	02409
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>δ</sup>-4,4'-dimethoxybenzhydryl-L-glutamine</b> Fmoc-L-Gln(Mbh)-OH
<b>CAS Number</b>	113534-17-1
<b>Molecular Formula</b>	C <sub>35</sub> H <sub>34</sub> N <sub>2</sub> O <sub>7</sub>
<b>Molecular Weight</b>	594.7
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear colorless solution (50 mg/ml in methanol/chloroform, 1/1)
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>TLC System</b>	Chloroform/methanol/acetic acid 85/10/5 Ethylacetate/pyridine/acetic acid /water 60/10/3/4 Chloroform/methanol/acetic acid /water 70/42/0.5/10 Chloroform/methanol/acetic acid 90/8/2 Plate : Silicagel 60 F <sub>254</sub> Detected by : UV, ninhydrin, chlorine-tolidine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = -6 ± 1° (C=1 in dimethylformamide)
<b>Residual Solvents</b>	Ethylacetate : ≤ 0.5% Dioxane : ≤ 3% Isopropyl ether : ≤ 3%
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8°C
<b>Additional Information</b>	Effective content: ≥ 95%

# *Product Specifications*

Catalog Number: 02409

---

**For Laboratory Use Only**