

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03614
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>δ</sup>-2,4,6-trimethoxybenzyl-L-Fmoc-L-Gln(Tmob)-OH</b>
<b>CAS Number</b>	120658-64-2
<b>Molecular Formula</b>	C <sub>30</sub> H <sub>32</sub> N <sub>2</sub> O <sub>8</sub>
<b>Molecular Weight</b>	548.6

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (5% in DMF)
<b>Melting Point</b>	166 - 168 °C
<b>TLC System</b>	Chloroform/Methanol/Benzene/Water 8/8/8/1 Chloroform/Methanol/Acetic acid 90/8/2 Benzene/Dioxane/Acetic acid 95/25/4 Ethyl acetate/Pyridine/Acetic acid/ Water 60/10/3/4 Plate : Silicagel 60 F254 Detected by : UV, Pauly
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = 22 ± 1 ° (C=1% in Chloroform)
<b>Purity by HPLC</b>	≥ 99%
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at RT

**For Laboratory Use Only**