

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	03614
<b>Product</b>	<i>N</i> <sup>α</sup> -Fmoc- <i>N</i> <sup>δ</sup> -2.4.6-trimethoxybenzyl-L-
<b>Lot Number</b>	000127-0501969 Fmoc-L-Gln(Tmob)-OH
<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>	167 °C
<b>TLC System</b>	Chloroform/methanol/benzene/water 8/8/8/2 Chloroform/methanol/acetic acid 90/8/2 Benzene/dioxane/acetic acid 95/25/4 Ethylacetate/pyridine/acetic acid/water 60/10/3/4 Plate: silicagel 60 F <sub>254</sub> detected by: UV, Pauly
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>24</sup> = 22.3 ° (C=1 in CHCl <sub>3</sub> )
<b>Purity by HPLC</b>	> 99%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager