

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	26456
<b>Lot Number</b>	000129-11082
<b>Product</b>	<b>Fmoc-D-glutamic acid <math>\alpha</math>-amide</b>
	Fmoc-D-Glu-NH <sub>2</sub>
	Fmoc-D-Igln-OH
<b>CAS Number</b>	292150-20-0
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>20</sub> N <sub>2</sub> O <sub>5</sub>
<b>Molecular Weight</b>	368.39

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<b>Appearance</b>	White crystalline powder
<b>Melting Point</b>	198-199 °C
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -6.3° (C=1 in DMF)
<b>Assay by titration</b>	98.8%
<b>Purity by HPLC</b>	99.2%
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C
<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