

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	16959
<b>Lot Number</b>	000424-140210-36926
<b>Product</b>	<b>Fmoc-O-benzyl-D-phosphotyrosine</b> Fmoc-D-Tyr(PO(OBzl)OH)-OH
<b>Molecular Formula</b>	C <sub>31</sub> H <sub>28</sub> NO <sub>8</sub> P
<b>Molecular Weight</b>	573.5

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (1 mmole in 2 ml DMF)
<b>Water Content (Karl Fisher)</b>	0.57%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +14.2° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Assay by titration</b>	88.28% (Acidimetry)
<b>Purity by HPLC</b>	96.80%
<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**