

# Chem-Impex International, Inc.

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**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

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## Certificate of Analysis

**Catalogue Number** 03939  
**Lot Number** 000127-0515406  
**Product** **Fmoc-O-dimethylphospho-L-tyrosine**

Fmoc-L-Tyr(PO<sub>3</sub>Me<sub>2</sub>)-OH

**CAS Number** 127633-36-7

**Molecular Formula** C<sub>26</sub>H<sub>26</sub>NO<sub>8</sub>P

**Molecular Weight** 511.47

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**Appearance** White product  
**Solubility** Clear, colorless solution (50mg/mL in Acetone)  
**Melting Point** 103 °C  
**Elemental Analysis (Theory)** C: 61.06% H: 5.12% N: 2.74%  
**Elemental Analysis (Found)** C: 61.21% H: 5.18% N: 2.73%  
**TLC System** Chloroform/ Methanol/ Benzene/ H<sub>2</sub>O : (8/8/8/1)  
Ethylacetate/ Pyridine/ Acetic acid/ H<sub>2</sub>O : (60/10/3/4)  
Chloroform/ Methanol/ Acetic acid : (90/8/2)  
Plate : Silicagel 60 F<sub>254</sub>  
Detected by : UV, chlorine-tolidine  
**Purity by HPLC** 98.5% (TFA, 260 nm)  
**Purity by TLC** > 98.0%  
**Storage** Store at 0-8 °C

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**Remarks**

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**