

# 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** 16864  
**Lot Number** 000705-491925  
**Product** **Fmoc-3-(Boc-aminomethyl)-D-phenylalanine**

Fmoc-D-Phe(3-CH<sub>2</sub>NHBoc)-OH

Fmoc-*m*-(Boc-aminomethyl)-D-Phe-OH

**Molecular Formula** C<sub>30</sub>H<sub>32</sub>N<sub>2</sub>O<sub>6</sub>

**Molecular Weight** 516.58

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**Appearance** White powder

**Melting Point** 150-152 °C

**TLC System** Chloroform/Methanol/Acetic acid (90:8:2) Single spot  
Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot  
Visualized with: Ninhydrin Spray

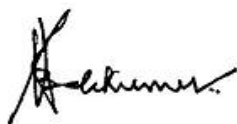
**Optical Rotation** [α]<sub>D</sub><sup>25</sup> = +26.9° (C=1 in DMF)

**Purity by HPLC** 98%

**Storage** Store at 0-8 °C

**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