

# Chem-Impex International, Inc.

---

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

---

## Certificate of Analysis

<b>Catalogue Number</b>	16941
<b>Lot Number</b>	000348-6775007
<b>Product</b>	<b><i>N</i><sup>α</sup>-Fmoc-<i>N</i><sup>ω</sup>, <i>N</i><sup>ω</sup>-dimethyl-<i>N</i><sup>ω'</sup>-(2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl)-L-arginine</b> Fmoc-L-ADMA(Pbf)-OH
<b>Molecular Formula</b>	C <sub>36</sub> H <sub>44</sub> N <sub>4</sub> O <sub>7</sub> S
<b>Molecular Weight</b>	676.8

---

<b>Appearance</b>	White powder
<b>Solubility</b>	Clearly soluble (1 mmole in 2 mL DMF)
<b>Water Content (Karl Fisher)</b>	0.6%
<b>TLC System</b>	Chloroform/Methanol/Acetic acid/Water (90:10:0.5:1)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	97.2%
<b>Purity by TLC</b>	99%
<b>Chiral Purity</b>	99.7% (ee)
<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