

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	31949
<b>Product</b>	<b>Fmoc-N<sup>ω</sup>-(2,2,4,6,7-pentamethyldihydrobenzofuran-5-sulfonyl)-L-</b>
<b>Lot Number</b>	000424-180501-22581 Fmoc-L-β-HomoArg(Pbf)-OH
<b>CAS Number</b>	401915-53-5
<b>Molecular Formula</b>	C <sub>35</sub> H <sub>42</sub> N <sub>4</sub> O <sub>7</sub> S
<b>Molecular Weight</b>	662.8

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 7.3° (C=1 in CHCl <sub>3</sub> )
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not Identified
<b>Related Substances</b>	Not Identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	Not detectable
<b>Purity by HPLC</b>	98.16%
<b>Storage</b>	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**