

# ***Chem-Impex International, Inc.***

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825 Dillon Drive

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## ***Certificate of Analysis***

<b>Catalogue Number</b>	15641
<b>Lot Number</b>	000424-180726-20790
<b>Product</b>	<b>Fmoc-(R)-3-amino-3-(3-methoxyphenyl) propionic acid</b> Fmoc-D-β-Phe(3-OMe)-OH
<b>CAS Number</b>	511272-32-5
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	417.46

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<b>Appearance</b>	White to off-white powder
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = + 27.51° (C=1 in DMF)
<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>Purity by HPLC</b>	99%
<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**