

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15538
<b>Product</b>	<b>Fmoc-(R)-3-amino-4-(4-tertbutylphenyl) butyric acid</b>
<b>Lot Number</b>	000705-785995 Fmoc-D-b-HomoPhe(4-tBu)-OH
<b>CAS Number</b>	401916-49-2
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>31</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	457.57
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<b>Appearance</b>	White powder
<b>Melting Point</b>	87-93 °C
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot Visualized with Ninhydrin Spray
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +27.6° (C=1 in DMF)
<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