

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	16814
<b>Lot Number</b>	000705-219636
<b>Product</b>	<b>Fmoc-D-2,4-dinitrophenylalanine</b>
<b>CAS Number</b>	1217733-50-0
<b>Molecular Formula</b>	C <sub>24</sub> H <sub>19</sub> N <sub>3</sub> O <sub>8</sub>
<b>Molecular Weight</b>	477.42

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<b>Appearance</b>	Yellowish powder
<b>Melting Point</b>	177 - 179 °C
<b>TLC System</b>	n-butanol/acetic acid/water (4:1:2) single spot Chloroform/methanol/benzene/water (8:8:8:1) single spot Visualized with : UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = 5.4 ° (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