

# Chem-Impex International, Inc.

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**Manufacturing site:**

825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	12901
<b>Product</b>	<b>(1R,4S)-(+)-4-(Fmoc-amino)-2-cyclopentene-1-</b>
<b>Lot Number</b>	000705-435302
	(+)-(1R,4S)-N-Fmoc-4-aminocyclopent-2-enecarboxylic acid
<b>CAS Number</b>	220497-65-4
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>19</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	349.39

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<b>Appearance</b>	White Powder
<b>Melting Point</b>	178 - 180 °C
<b>TLC System</b>	BuOH/Pyridine/AcOH/Water (5/5/1/4) : Single spot BuOH/AcOH/Water (4/1/2) : Single spot Visualized with : UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>23</sup> = 11.8 ° (C = 1 in DMF)
<b>Purity by HPLC</b>	98%
<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**