

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	15525
<b>Lot Number</b>	000705-218501
<b>Product</b>	<b>Fmoc-styryl-D-<math>\beta</math>-homoalanine</b>
	Fmoc-styryl-D- $\beta$ -homoalanine
	Fmoc-(R)-3-amino-(6-phenyl)-5-hexenoic acid
<b>CAS Number</b>	332064-75-2
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	427.5

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<b>Appearance</b>	White powder
<b>Melting Point</b>	170-171 °C
<b>TLC System</b>	Butanol/Pyridine/Acetic acid/Water (5:5:1:4) Single spot Butanol/Acetic acid/Water (4:1:2) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>22</sup> = -8.7° (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