

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	12768
<b>Product</b>	<b>Fmoc-L-β-homomethionine</b>
<b>Lot Number</b>	000705-036220 Fmoc-L-β-HomoMet-OH  (R)-3-(Fmoc-amino)-5-(methylthio)pentanoic acid
<b>CAS Number</b>	266359-48-2
<b>Molecular Formula</b>	C <sub>21</sub> H <sub>23</sub> NO <sub>4</sub> S
<b>Molecular Weight</b>	385.48
<b>Appearance</b>	White powder
<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>	[α] <sub>D</sub> <sup>25</sup> = +17.2° (C=1 in CHCl <sub>3</sub> )
<b><sup>13</sup>C NMR</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	98.5%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager