

# Chem-Impex International, Inc.

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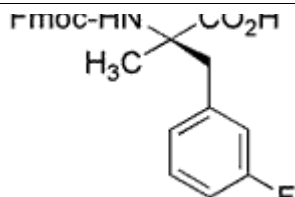
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	33629
<b>Product</b>	<b>Fmoc-<math>\alpha</math>-methyl-D-3-fluorophenylalanine</b> Fmoc- $\alpha$ -Me-D-Phe(3-F)-OH Fmoc-(R)-2-amino-2-methyl-3-(3-fluorophenyl)propanoic acid
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>22</sub> FNO <sub>4</sub>
<b>Molecular Weight</b>	419.45

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<b>Appearance</b>	White powder
<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 : UV/Iodine
<b>Optical Rotation</b>	$[\alpha]_D^{25} = +23 \pm 2^\circ$ (C=1 in DMF)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	$\geq 98\%$ (ee)
<b>LCMS</b>	Conforms to standard
<b>L-Enantiomer</b>	$\leq 2\%$
<b>Purity by HPLC</b>	$\geq 99\%$
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**