

# Chem-Impex International, Inc.

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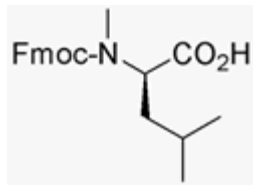
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02663
<b>Product</b>	<b>Fmoc-N-methyl-D-leucine</b>
	Fmoc-N-Me-D-Leu-OH
<b>CAS Number</b>	103478-63-3
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	367.4

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 gram in 2 ml DMF)
<b>Melting Point</b>	110-120 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = +22 ± 3° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to structure
<b>Loss on Drying</b>	≤ 1% (55 °C for 2 hours)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**