

# Chem-Impex International, Inc.

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**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

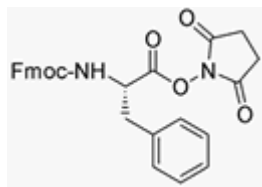
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	02446
<b>Product</b>	<b>Fmoc-L-phenylalanine N-hydroxysuccinimide ester</b> Fmoc-L-Phe-OSu
<b>CAS Number</b>	101214-43-1
<b>Molecular Formula</b>	C <sub>28</sub> H <sub>24</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	484.5
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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 gram in 4 mL DMF)
<b>Melting Point</b>	157-165 °C
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -64 ± 2° (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% (70 °C, 2-hour)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99.5%
<b>Storage</b>	Store at ≤ -15C

**For Laboratory Use Only**