

# Chem-Impex International, Inc.

---

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

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

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

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

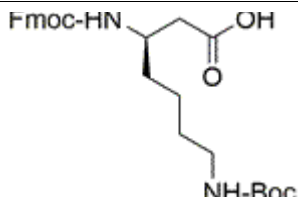
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

<b>Catalogue Number</b>	31971
<b>Product</b>	<b><i>N</i><sup>β</sup>-Fmoc-<i>N</i><sup>ω</sup>-Boc-D-β-homolysine</b> Fmoc-D-β-HomoLys(Boc)-OH ( <i>R</i> )-7-(Boc-amino)-3-(Fmoc-amino)heptanoic acid
<b>CAS Number</b>	266318-77-8
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>6</sub>
<b>Molecular Weight</b>	482.58

---

<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.1 g in 10 mL DMF)
<b>Melting Point</b>	124 - 128 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 12 ± 1 ° (C=1 in CH <sub>3</sub> Cl)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at ≤ -4 °C

**For Laboratory Use Only**