

# Chem-Impex International, Inc.

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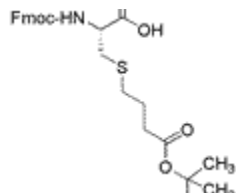
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	29323
<b>Product</b>	<b>(R)-Fmoc-2-amino-3-(3-tert-butoxycarbonyl-propylsulfanyl)propionic acid</b> Fmoc-L-Cys( <i>tert</i> -butoxycarbonylpropyl)-OH
<b>CAS Number</b>	102971-73-3
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>31</sub> NO <sub>6</sub> S
<b>Molecular Weight</b>	485.6

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	88 - 95 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -30 ± 2 ° (C=1 in DMF)
<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 0-8 °C

**For Laboratory Use Only**