

# Chem-Impex International, Inc.

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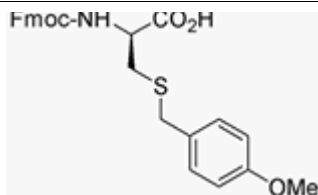
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	05694
<b>Product</b>	<b>Fmoc-S-4-methoxybenzyl-D-cysteine</b> Fmoc-D-Cys(pMeOBzl)-OH
<b>CAS Number</b>	200354-43-4
<b>Molecular Formula</b>	C <sub>26</sub> H <sub>25</sub> NO <sub>5</sub> S
<b>Molecular Weight</b>	463.6

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3g in 2mL DMF)
<b>Melting Point</b>	137 - 140 °C
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = 40 ± 1 ° (C=1 in DMF)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 0.1% (60 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 98.5%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**