

# Chem-Impex International, Inc.

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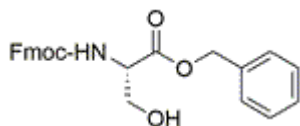
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



<b>Catalogue Number</b>	35196
<b>Product</b>	<b>Fmoc-L-serine benzyl ester</b> Fmoc-L-Ser-Obzl (S)-Fmoc-2-amino-3-hydroxypropionic acid benzyl ester
<b>CAS Number</b>	73724-46-6
<b>Molecular Formula</b>	C <sub>25</sub> H <sub>23</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	417.5

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<b>Appearance</b>	White to off-white powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Melting Point</b>	92 - 102 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -12 ± 2 ° (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>	≤ 1% (45 °C, 2h)
<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**