

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	02453
<b>Product</b>	<b>Fmoc-O-benzyl-L-serine</b>  Fmoc-L-Ser(Bzl)-OH
<b>CAS Number</b>	83792-48-7
<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 powder
<b>Melting Point</b>	140 - 150 °C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = 24 ± 2 ° (C=1 in Ethyl acetate)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**