

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	01550
<b>Product</b>	<b>Boc-O-benzyl-D-serine</b>
	Boc-D-Ser(Bzl)-OH
<b>CAS Number</b>	47173-80-8
<b>Molecular Formula</b>	C <sub>15</sub> H <sub>21</sub> NO <sub>5</sub>
<b>Molecular Weight</b>	295.3

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 gram in 2 ml DMF)
<b>Melting Point</b>	56-67 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = - 22 ± 2 ° (C=1 in EtOH)
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to structure
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99.5%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**