

# Chem-Impex International, Inc.

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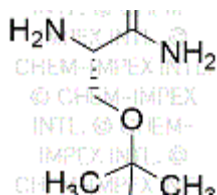
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	48173
<b>Product</b>	<b>H-Ser(tBu)-NH<sub>2</sub></b> O-tert-Butyl-L-serylamide (S)-2-Amino-3-(tert-butoxy)propanamide
<b>CAS Number</b>	323587-47-9
<b>Molecular Formula</b>	C <sub>7</sub> H <sub>16</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	160.22

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL water)
<b>Melting Point</b>	53 - 58 °C
<b>Water Content (Karl Fisher)</b>	≤ 5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -13.3 ± 3 ° (C=a 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 2 - 8 °C

**For Laboratory Use Only**