

# Chem-Impex International, Inc.

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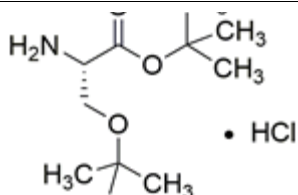
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

Catalogue Number	03139
Product	<b>O-tert-Butyl-L-serine t-butyl ester</b> L-Ser(tBu)-OtBu•HCl
CAS Number	51537-21-4
Molecular Formula	C <sub>11</sub> H <sub>23</sub> NO <sub>3</sub> •HCl
Molecular Weight	253.8

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Appearance	White powder
Solubility	Clear solution 0.3 g in 2 mL water
Melting Point	124 - 159 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] <sub>D</sub> <sup>20</sup> = -10 ± 3 ° (C=1 in water)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C at 2 h)
<sup>1</sup> H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

**For Laboratory Use Only**