

# Chem-Impex International, Inc.

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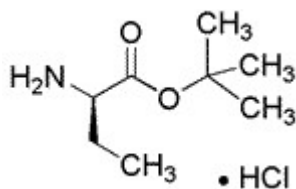
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                                 |                                                                                                                        |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>         | 14929                                                                                                                  |
| <b>Product</b>                  | <b>D-2-Aminobutyric acid tert-butyl ester hydrochloride</b>                                                            |
|                                 | D-Abu-OtBu•HCl                                                                                                         |
| <b>CAS Number</b>               | 313994-32-0                                                                                                            |
| <b>Molecular Formula</b>        | C <sub>8</sub> H <sub>17</sub> NO <sub>2</sub> •HCl                                                                    |
| <b>Molecular Weight</b>         | 195.69                                                                                                                 |
| <b>Appearance</b>               | White powder                                                                                                           |
| <b>Solubility</b>               | Clear solution 0.3 g in 2 mL water<br>50 mg in 1 ml MeOH clear solution                                                |
| <b>Optical Rotation</b>         | [α] <sub>D</sub> <sup>20</sup> = -13 ± 1 °C (C=1 in EtOH)<br>[α] <sub>D</sub> <sup>20</sup> = -2 ± 1 °C (C=4 in Water) |
| <b>Analysis by Mass Spectra</b> | Conforms to standard                                                                                                   |
| <b>Purity by HPLC</b>           | ≥ 98%                                                                                                                  |
| <b>Storage</b>                  | Store at 0 - 8 °C                                                                                                      |

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**For Laboratory Use Only**