

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 33442                                                                                                                                            |
| <b>Product</b>           | <b>(2<i>S</i>,3<i>R</i>)-Boc-<math>\beta</math>-methyl-L-Phe-OH</b><br><br>(2 <i>S</i> ,3 <i>R</i> )- <i>N</i> -Boc-2-Amino-3-phenylbutyric acid |
| <b>CAS Number</b>        | 145432-51-5                                                                                                                                      |
| <b>Molecular Formula</b> | C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>                                                                                                  |
| <b>Molecular Weight</b>  | 279.33                                                                                                                                           |

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|---------------------------|------------------------------------------------------------------------------------|
| <b>Appearance</b>         | White powder                                                                       |
| <b>Optical Rotation</b>   | [ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 18.6 ± 1.8 ° (C=1 in CHCl <sub>3</sub> ) |
| <b><sup>13</sup>C NMR</b> | Conforms to structure                                                              |
| <b><sup>1</sup>H NMR</b>  | Conforms to structure                                                              |
| <b>Purity by HPLC</b>     | ≥ 97%                                                                              |
| <b>Storage</b>            | Store at 2 - 8 °C                                                                  |

**For Laboratory Use Only**