

# Chem-Impex International, Inc.

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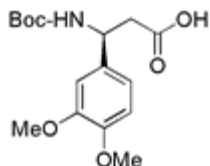
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |                                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 15683                                                                                                                                        |
| <b>Product</b>           | <b>Boc-(S)-3-amino-3-(3,4-dimethoxyphenyl)propionic acid</b><br>Boc-L-β-Phe(3,4-dimethoxy)-OH<br><br>(S)-Boc-3,4-Dimethoxy-β-phenylalanine   |
| <b>CAS Number</b>        | 499995-84-5                                                                                                                                  |
| <b>Molecular Formula</b> | C <sub>16</sub> H <sub>23</sub> NO <sub>6</sub>                                                                                              |
| <b>Molecular Weight</b>  | 325.36                                                                                                                                       |
| <b>Appearance</b>        | White powder                                                                                                                                 |
| <b>Melting Point</b>     | 142-148 °C                                                                                                                                   |
| <b>TLC System</b>        | Chloroform/Methanol/Acetic acid (90:8:2) Single spot<br>Chloroform/Methanol/Benzene/Water (8:8:8:1) Single spot<br>Visualized with UV/Iodine |
| <b>Optical Rotation</b>  | [α] <sub>D</sub> <sup>25</sup> = -48 ± 2° (C=1 in EtOH)                                                                                      |
| <b>Purity by HPLC</b>    | ≥ 98%                                                                                                                                        |
| <b>Storage</b>           | Store at 0-8 °C                                                                                                                              |

**For Laboratory Use Only**