

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 15453                                                                                                                                              |
| <b>Product</b>           | <b>Fmoc-(R)-3-amino-3-(4-methylphenyl)</b><br>Fmoc-D-β-Phe(4-Me)-OH<br>(R)-Fmoc-4-methyl-β-phenylalanine                                           |
| <b>CAS Number</b>        | 479064-98-7                                                                                                                                        |
| <b>Molecular Formula</b> | C <sub>25</sub> H <sub>23</sub> NO <sub>4</sub>                                                                                                    |
| <b>Molecular Weight</b>  | 401.46                                                                                                                                             |
| <b>Appearance</b>        | White solid                                                                                                                                        |
| <b>Melting Point</b>     | 190 - 191 °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> = 36 ± 2 ° (C=1 in DMF)                                                                                             |
| <b>Purity by HPLC</b>    | ≥ 99%                                                                                                                                              |
| <b>Storage</b>           | Store at 0 - 8 °C                                                                                                                                  |

**For Laboratory Use Only**