

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 49753                                                                                                                                                                                 |
| <b>Product</b>           | <b>Fmoc-N-methyl-4-trifluoromethyl-L-phenylalanine</b><br>Fmoc-N-Me-Phe(4-CF <sub>3</sub> )-OH<br>(2 <i>S</i> )-Fmoc- <i>N</i> -methylamino-3-(4-trifluoromethylphenyl)propionic acid |
| <b>CAS Number</b>        | 2255321-51-6                                                                                                                                                                          |
| <b>Molecular Formula</b> | C <sub>26</sub> H <sub>22</sub> F <sub>3</sub> NO <sub>4</sub>                                                                                                                        |
| <b>Molecular Weight</b>  | 469.46                                                                                                                                                                                |

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|                                 |                       |
|---------------------------------|-----------------------|
| <b>Appearance</b>               | off-white powder      |
| <b>Analysis by Mass Spectra</b> | Conforms to standard  |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure |
| <b>Chiral HPLC</b>              | ≥ 99% (ee)            |
| <b>D-Enantiomer</b>             | ≤ 1%                  |
| <b>Purity by HPLC</b>           | ≥ 99%                 |
| <b>Storage</b>                  | Store at 0 - 8 °C     |

**For Laboratory Use Only**