

# Chem-Impex International, Inc.

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## Product Specifications

|                                 |                                                                                                                               |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>         | 31675                                                                                                                         |
| <b>Product</b>                  | <b>Fmoc-<i>trans</i>-4-methylthio-Pro-OH</b><br><br>(2 <i>S</i> ,4 <i>R</i> )-Fmoc-4-methylthio-pyrrolidine-2-carboxylic acid |
| <b>CAS Number</b>               | 1312674-57-9                                                                                                                  |
| <b>Molecular Formula</b>        | C <sub>21</sub> H <sub>21</sub> NO <sub>4</sub> S                                                                             |
| <b>Molecular Weight</b>         | 383.46                                                                                                                        |
| <b>Appearance</b>               | White powder                                                                                                                  |
| <b>Optical Rotation</b>         | [α] <sub>D</sub> <sup>20</sup> = -28 ± 2° (C=1 in DMF)                                                                        |
| <b>Analysis by Mass Spectra</b> | M = 383.46 ± 1                                                                                                                |
| <b>Purity by HPLC</b>           | ≥ 98%                                                                                                                         |
| <b>Storage</b>                  | Store at 0-8 °C                                                                                                               |

**For Laboratory Use Only**