

# *Chem-Impex International, Inc.*

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## *Product Specifications*

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|--------------------------|----------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 31696                                                                      |
| <b>Product</b>           | <b>Fmoc-L-Arg(Pbf)-O-CH<sub>2</sub>-Ph-OCH<sub>2</sub>-CH<sub>2</sub>-</b> |
| <b>CAS Number</b>        | 1202179-60-9                                                               |
| <b>Molecular Formula</b> | C <sub>44</sub> H <sub>50</sub> N <sub>4</sub> O <sub>10</sub> S           |
| <b>Molecular Weight</b>  | 826.96                                                                     |

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|---------------------------------|--------------------------------------------------------|
| <b>Appearance</b>               | White powder                                           |
| <b>Optical Rotation</b>         | [α] <sup>20</sup> <sub>D</sub> = -4 ± 2 ° (C=1 in DMF) |
| <b>Analysis by Mass Spectra</b> | M = 826 ± 1                                            |
| <b>Chiral HPLC</b>              | ≥ 99.5% (ee)                                           |
| <b>D-Enantiomer</b>             | ≤ 0.5%                                                 |
| <b>Purity by HPLC</b>           | ≥ 95%                                                  |
| <b>Storage</b>                  | Store at 0 - 8 °C                                      |

**For Laboratory Use Only**