

# Chem-Impex International, Inc.

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## Product Specifications

|                          |                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 16155                                                                                                                                                           |
| <b>Product</b>           | <b><math>N^{\alpha}</math>-1-(4,4-Dimethyl-2,6-dioxocyclohex-1-ylidene)ethyl-<math>N^{\beta}</math>-Fmoc-D-2,3-diamino-propionic acid</b><br>Dde-D-Dap(Fmoc)-OH |
| <b>CAS Number</b>        | 1263046-87-2                                                                                                                                                    |
| <b>Molecular Formula</b> | C <sub>28</sub> H <sub>30</sub> N <sub>2</sub> O <sub>6</sub>                                                                                                   |
| <b>Molecular Weight</b>  | 490.6                                                                                                                                                           |

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|---------------------------|------------------------------------------------------------------|
| <b>Appearance</b>         | White crystalline powder                                         |
| <b>Melting Point</b>      | 146-154 °C                                                       |
| <b>Optical Rotation</b>   | [ $\alpha$ ] <sub>D</sub> <sup>20</sup> = +47 ± 2° (C=1 in MeOH) |
| <b>Assay by titration</b> | ≥ 93%                                                            |
| <b>Purity by HPLC</b>     | ≥ 98%                                                            |
| <b>Purity by TLC</b>      | ≥ 98%                                                            |
| <b>Storage</b>            | Store at 0-8 °C                                                  |

**For Laboratory Use Only**