

# Chem-Impex International, Inc.

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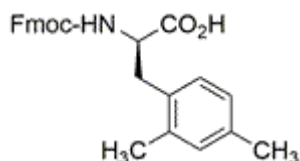
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 33586   |
| <b>Product</b>           | <b>Fmoc-D-2,4-dimethylphenylalanine</b><br>Fmoc-D-Phe(2,4-DiCH <sub>3</sub> )-OH<br>Fmoc-(R)-2-amino-3-(2,4-dimethylphenyl)propionic acid |
| <b>CAS Number</b>        | 1217627-86-5  |
| <b>Molecular Formula</b> | C <sub>26</sub> H <sub>25</sub> NO <sub>4</sub>   |
| <b>Molecular Weight</b>  | 415.48  |

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|                         |  |
|-------------------------|--|
| <b>Appearance</b>       | White powder   |
| <b>Melting Point</b>    | 121 - 127°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 : Ninhydrin Spray |
| <b>Optical Rotation</b> | [α] <sub>D25</sub> = 39 ± 1 ° (C=1 in DMF)   |
| <b>Purity by HPLC</b>   | ≥ 98%  |
| <b>Storage</b>          | Store at 2 - 8 °C  |

**For Laboratory Use Only**