

# Chem-Impex International, Inc.

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

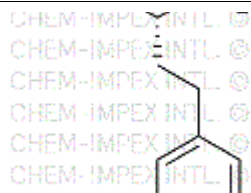
**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---



## Product Specifications

|                          |                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------|
| <b>Catalogue Number</b>  | 02579                                                                                            |
| <b>Product</b>           | <b>Fmoc-L-homophenylalanine</b><br>Fmoc-L-HomoPhe-OH<br>(S)-2-(Fmoc-amino)-4-phenyl-butyric acid |
| <b>CAS Number</b>        | 132684-59-4                                                                                      |
| <b>Molecular Formula</b> | C <sub>25</sub> H <sub>23</sub> NO <sub>4</sub>                                                  |
| <b>Molecular Weight</b>  | 401.45                                                                                           |

---

|                                    |                                                      |
|------------------------------------|------------------------------------------------------|
| <b>Appearance</b>                  | White powder                                         |
| <b>Solubility</b>                  | Clear solution (0.3 g in 2 mL DMF)                   |
| <b>Melting Point</b>               | 142 - 159 °C                                         |
| <b>Water Content (Karl Fisher)</b> | ≤ 1%                                                 |
| <b>Optical Rotation</b>            | [α] <sub>D</sub> <sup>20</sup> = -9 ± 2 ° (C=1, DMF) |
| <b>Analysis by Mass Spectra</b>    | Conforms to standard                                 |
| <b>Loss on Drying</b>              | ≤ 1% (60 °C, 2h)                                     |
| <b>Purity by HPLC</b>              | ≥ 98%                                                |
| <b>Storage</b>                     | Store at 0 - 8 °C                                    |

**For Laboratory Use Only**