

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 12770  |
| <b>Product</b>           | <b>Fmoc-L-<math>\beta</math>-homoleucine</b><br>Fmoc-L- $\beta$ -HomoLeu-OH<br>(S)-3-(Fmoc-amino)-5-methyl-hexanoic acid |
| <b>CAS Number</b>        | 193887-44-4  |
| <b>Molecular Formula</b> | C <sub>22</sub> H <sub>25</sub> NO <sub>4</sub>  |
| <b>Molecular Weight</b>  | 367.45   |

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|---------------------------------|---|
| <b>Appearance</b>               | White to off-white powder   |
| <b>Optical Rotation</b>         | [ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -24 $\pm$ 2 ° (C=0.5 in CHCl <sub>3</sub> )<br>[ $\alpha$ ] <sub>D</sub> <sup>25</sup> = -5.0 to -7.0° (C=1 in DMF) |
| <b>Infrared Spectrum</b>        | Conforms to structure   |
| <b>Analysis by Mass Spectra</b> | Conforms to standard  |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure   |
| <b>Purity by HPLC</b>           | $\geq$ 98%  |
| <b>Storage</b>                  | Store at 0 - 8 °C   |

**For Laboratory Use Only**