

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	31970
<b>Product</b>	<b>Fmoc-D-<math>\beta</math>-homoleucine</b>  Fmoc-D- $\beta$ -HomoLeu-OH  ( <i>R</i> )-3-(Fmoc-amino)-5-methyl-hexanoic acid
<b>CAS Number</b>	212688-54-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>25</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	367.45
<b>Appearance</b>	White solid
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = 10 ± 1 ° (C=1 in MeOH)
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Residual Solvents</b>	Not identified
<b>Related Substances</b>	Not identified
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	≥ 99.5% (ee)
<b>L-Enantiomer</b>	≤ 0.5%
<b>Purity by HPLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**