

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	07264
<b>Product</b>	<b>Fmoc-L-cyclopentylglycine</b>  Fmoc-Gly(cyclopentyl)-OH  (S)-2-Cyclopentyl-2-(Fmoc-amino)-acetic acid
<b>CAS Number</b>	220497-61-0
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>23</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	365.2
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3 g in 2 mL DMF)
<b>Water Content (Karl Fisher)</b>	≤ 0.5%
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -18 ± 2° (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>	≥ 98%
<b>Storage</b>	Store at 0-8 °C

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**For Laboratory Use Only**