

# Chem-Impex International, Inc.

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## Product Specifications

**Catalogue Number** 33078

**Product** **Fmoc-L-Cys(Phacm)-OH**

*N*<sup>α</sup>-(9-Fluorenylmethyloxycarbonyl)-*S*-Phenylacetylaminomethyl)-L-cysteine

**CAS Number** 159680-21-4

**Molecular Formula** C<sub>27</sub>H<sub>26</sub>N<sub>2</sub>O<sub>5</sub>S

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**Appearance** White to off-white powder

**Solubility** Clear solution (0.1 g in 2ml DMF)

**Melting Point** 157 - 159 °C

**Water Content (Karl Fisher)** ≤ 1.0%

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = - 36 ± 2 ° (C=1 in DMF)

**Infrared Spectrum** Conforms to structure

**Analysis by Mass Spectra** Conforms to standard

**<sup>1</sup>H NMR** Conforms to structure

**Chiral HPLC** ≥ 99.5% (ee)

**D-Enantiomer** ≤ 0.5%

**Purity by HPLC** ≥ 99%

**Storage** Store at 2-8°C

**For Laboratory Use Only**