

# Chem-Impex International, Inc.

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## Product Specifications

**Catalogue Number** 02701

**Product** **Boc-L-glutamic acid  $\gamma$ -9-fluorenylmethyl ester**

Boc-L-Glu(OFm)-OH

Boc-L-glutamic acid 5-(9-fluorenylmethyl) ester

**CAS Number** 123417-18-5

**Molecular Formula** C<sub>24</sub>H<sub>27</sub>NO<sub>6</sub>

**Molecular Weight** 425.5

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**Appearance** White to off white powder

**Clarity & Color** Clear solution (0.1 gram in 4 ml MeOH)

**Melting Point** 92-131 °C

**Optical Rotation** [α]<sub>D</sub><sup>20</sup> = + 24 ± 4 ° (C=1 in CHCl<sub>3</sub>:MeOH=9:1)

**Infrared Spectrum** Conforms to structure

**Analysis by Mass Spectra** Conforms to structure

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

**Purity by HPLC** ≥ 98%

**Purity by TLC** ≥ 98%

**Storage** Store at 0-8°C

**For Laboratory Use Only**