

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05522
<b>Product</b>	<b>Boc-DL-glutamic acid <math>\gamma</math>-benzyl ester</b>  Boc-DL-Glu(OBzl)-OH  Boc-DL-glutamic acid 5-benzyl ester
<b>CAS Number</b>	117997-81-6
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>23</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	337.4
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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear solution (0.3g in 2ml DMF)
<b>Melting Point</b>	103 - 107° C
<b>Water Content (Karl Fisher)</b>	≤ 1.0%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Analysis by Mass Spectra</b>	Conforms to standard
<b>Loss on Drying</b>	≤ 1.0% (30 °C, 2h)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Purity by HPLC</b>	≥ 99%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**