

# Chem-Impex International, Inc.

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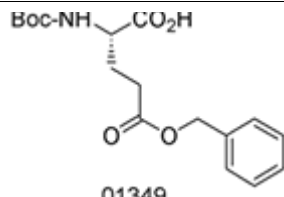
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

Catalogue Number	01349
Product	<b>Boc-L-glutamic acid <math>\gamma</math>-benzyl ester</b> Boc-L-Glu(OBzl)-OH Boc-L-glutamic acid 5-benzyl ester
CAS Number	13574-13-5
Molecular Formula	C <sub>17</sub> H <sub>23</sub> NO <sub>6</sub>
Molecular Weight	337.4

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Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	62 - 78 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -6.5 ± 1.5 ° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (30 °C, 2 h)
<sup>1</sup> H NMR	Conforms to structure
Chiral HPLC	≥ 99.5% (ee)
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Storage	Store at 0 - 8 °C

**For Laboratory Use Only**