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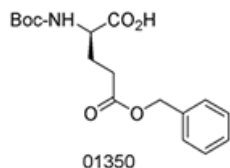
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	01350
Product	Boc-D-glutamic acid γ-benzyl ester
	Boc-D-Glu(OBzl)-OH
	Boc-D-glutamic acid 5-benzyl ester
CAS Number	35793-73-8
Molecular Formula	C ₁₇ H ₂₃ NO ₆
Molecular Weight	337.4
Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 mL DMF)
Melting Point	62-78 °C
Water Content (Karl Fisher)	0.101%
Optical Rotation	[α] _D ²⁰ = +5 $\pm$ 1.5° (C=1 in AcOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	$\leq$ 0.5% (35 °C, 2h)
¹H NMR	Conforms to structure
L-Enantiomer	$\leq$ 0.5%
Purity by HPLC	$\geq$ 98%
Purity by TLC	$\geq$ 98%
Chiral Purity	$\geq$ 99.5% (ee)
Storage	Store at 0-8 °C

For Laboratory Use Only