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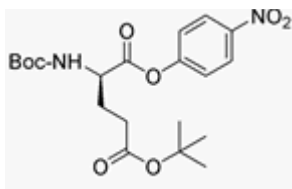
Fax: (630) 766-2218

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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	05489
Product	Boc-D-glutamic acid γ-tert-butyl ester-4 α-nitrophenyl ester Boc-D-Glu(OtBu)-ONp
CAS Number	200397-60-0
Molecular Formula	C ₂₀ H ₂₈ N ₂ O ₈
Molecular Weight	424.45
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Solubility	Clear and colorless solution (5% in dioxane)
Melting Point	61-72 °C
Elemental Analysis (Found)	C = 56.12 ± 0.5%; H = 6.69 ± 0.5%; N = 6.54 ± 0.5%; H ₂ O = 0.8 ± 0.5%
TLC System	Benzene/Dioxane/Acetic Acid (95:25:4) Chloroform/Ethyl Acetate (9:1) Detected by: UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = +34.5 ± 2° (C=1% in DMF)
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only