

Analytical Data Sheet

Lot number

1026108

not for drug use

Catalog Number	A-1685.0005
Product number	4002697.0005
Product	Boc- Glu(OtBu) - ONp
Molecular formula	C ₂₀ H ₂₈ N ₂ O ₈
Relative molecular mass	424.45

Tests	Results
Appearance	Off-white powder
Appearance of solution	clear, slight yellowish solution (50 mg/ml in acetone)
Identification (TLC)	Complies with authentic material
Melting point	72 °C
Specific optical rotation	$[\alpha]_D^{24} = -34.3^\circ$ (1 % in DMF)
Purity (TLC)	> 99% RP-8
TLC conditions	Chloroform/ethylacetate 9/1 Chloroform/ethylacetate/acetic acid 50/50/2 Toluene/dioxane/acetic acid 95/25/4 Methanol 80 % Plate: RP-8 Detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.8% (Cth 56.60 %, Cfd 56.46 %)
Latest update: August 25, 2009	Analytical Data Sheet Lot number 1026108