

Analytical Data Sheet

Lot number

1026445

not for drug use

Catalog Number	C-3980.0001
Product number	4027639.0001
Product	Z- Glu(OBzl) - OSu
Molecular formula	C ₂₄ H ₂₄ N ₂ O ₈
Relative molecular mass	468.47

Tests	Results
Appearance	colorless oil
Appearance of solution	clear, colorless solution (50 mg/ml in acetone)
Purity (TLC)	decomposes on TLC plate (approx. 97 %)
Related impurities (TLC)	< 0.5% dicyclohexylurea
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	90.3% (Nth 5.98 %, Nfd 5.40 %)
Water content (KF volumetric)	0.4%
Residual organic solvents (GC)	9.2% acetone
Latest update: September 15, 2009	Analytical Data Sheet Lot number 1026445