

Analytical Data Sheet

Lot number

1016654

not for drug use

Catalog Number	C-2930.0005
Product number	4000136.0005
Product	Z- Lys(Z) - OSu
Molecular formula	$C_{26}H_{29}N_3O_8$
Relative molecular mass	511.53

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50mg/ml in dioxane)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -16.3^\circ$ (2 % Dioxane)
Purity (TLC)	> 98%
TLC conditions	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine 80/20 MeOH/H ₂ O plate: RP8 detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	99.6% (Cth 61.05 %, Cfd 60.79 %)
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1016654