

Analytical Data Sheet

Lot number **1000001074**
not for drug use

Catalog number **M-1245.0005**
Product number **4001669.0005**
Product **Z- Glu- Tyr- OH**
Molecular formula $C_{22}H_{24}N_2O_8$
Relative molecular mass 444.44

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in MeOH)
Identification (TLC)	complies with authentic material
Melting point	186 °C
Specific optical rotation	$[\alpha]_D^{24} = +16.6^\circ$ (2 % in EtOH abs.)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 ethylacetate/pyridine/acetic acid/H ₂ O 60/20/6/11 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine, Pauly

Latest update: June 20, 2018

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