

Analytical Data Sheet

Lot number **1064590**
not for drug use

Catalog number **C-4040.0100**
Product number **4000134.0100**
Product **Z- Tyr- OMe**
Molecular formula **C₁₈H₁₉NO₅**
Relative molecular mass **329.35**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in methanol)
Identification (elemental analysis)	Theory Found C = 65.6 % C = 65.7 % H = 5.8 % H = 5.6 % N = 4.3 % N = 4.2 %
Identification (TLC)	complies with authentic material
Melting point	95 °C
Specific optical rotation	$[\alpha]_D^{24} = -33.4^\circ$ (1 % in dimethylformamide)
Purity (HPLC)	99.1% (TEAP)
Purity (TLC)	> 99%
TLC conditions	toluene/dioxane/acetic acid 95/25/4 chloroform/methanol/acetic acid 90/8/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	100.1% (Cth 65.64 %, Cfd 65.68 %)

Latest update: March 07, 2016

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