

Analytical Data Sheet

Lot number **1000015427**
not for drug use

Catalog number **C-2340.0001**
Product number **4007971.0001**
Product **Z- Phe- OMe**
Molecular formula **C₁₈H₁₉NO₄**
Relative molecular mass **313.35**

Tests	Results
Appearance	white granulate
Appearance of solution	clear, colorless solution (50mg/mL in methanol)
Identification (elemental analysis)	Theory Found C = 69.0% C = 68.1% H = 6.1% H = 6.1% N = 4.5% N = 4.5%
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_D^{24} = -39.3^\circ$ (1% in dimethylformamide)
Purity (TLC)	> 99%
TLC conditions	chloroform/ethylacetate 9/1 toluene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Water content (KF volumetric)	< 0.1%

Latest update: April 29, 2019

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