

Analytical Data Sheet

Lot number

1044893

not for drug use

Catalog Number	C-2885.0005
Product number	4001354.0005
Product	Z- Val- Phe- OH
Molecular formula	C ₂₂ H ₂₆ N ₂ O ₅
Relative molecular mass	398.46

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Melting point	177 °C
Specific optical rotation	$[\alpha]_D^{24} = -12.4^\circ$ (2 % in MeOH)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 benzene/dioxane/acetic acid 95/25/4 chloroform/ethylacetate/acetic acid 50/50/2 plate: silicagel 60 F ₂₅₄ detected by: ammoniummolybdate, chlorine-tolidine
Latest update: October 15, 2012	

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