

Analytical Data Sheet

Lot number

1017001

not for drug use

Catalog Number	C-2890.0005
Product number	4009705.0005
Product	Z- Val- Phe- OMe
Molecular formula	C ₂₃ H ₂₈ N ₂ O ₅
Relative molecular mass	412.49

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (TLC)	complies with authentic material
Melting point	145 °C
Specific optical rotation	$[\alpha]_D^{24} = +16.3^\circ$ (1 % in dioxane)
Purity (TLC)	> 99%
TLC conditions	ethylacetate/hexane 4/5 chloroform/ethylacetate 1/1 chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: chlorine-tolidine
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1017001