

Analytical Data Sheet

Lot number **1070706**
not for drug use

Catalog number **K-1570.0050**
Product number **4017032.0050**
Product **Z- Gly- Ala- Pro- βNA**
Molecular formula $C_{28}H_{30}N_4O_5$
Relative molecular mass 502.57

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (2.5 % in MeOH)
Melting point	159 °C
Specific optical rotation	$[\alpha]_D^{24} = -159.7^\circ$ (1 % in AcOH 80 %)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/benzene/H ₂ O 8/8/8/1 chloroform/methanol/acetic acid 90/8/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, chlorine-tolidine
Water content (KF volumetric)	0.6%

Latest update: March 09, 2017

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