

Analytical Data Sheet

Lot number **1070400**
not for drug use

Catalog number **M-1035.0025**
Product number **4002135.0025**
Product **Ac- Gly- Lys- OMe acetate salt**
Molecular formula $C_{11}H_{21}N_3O_4$
Relative molecular mass 259.31

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in methanol)
Identification (TLC)	complies with authentic material
Specific optical rotation	$[\alpha]_{365}^{24} = -49.5^\circ$ (1% in methanol)
Purity (TLC)	> 99%
TLC conditions	ethylacetate/pyridine/acetic acid/H ₂ O 6/5/1/3 chloroform/methanol/acetic acid 32% 5/3/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	80.9% (Nth 16.20%, Nfd 13.11%)

Latest update: February 24, 2017

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