

Analytical Data Sheet

Lot number **1068396**
not for drug use

Catalog number **M-1385.0025**
Product number **4006713.0025**
Product **FA- Leu- Gly- Pro- Ala- OH**
Molecular formula $C_{23}H_{32}N_4O_7$
Relative molecular mass 476.53

Tests	Results
Appearance	beige powder
Appearance of solution	clear, yellow solution (50 mg/mL in DMF)
Identification (ESI-MS)	m = 476.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	99.0% (TFA)
Purity (TLC)	> 99%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	96.2% (Nth 11.76%, Nfd 11.31%)
Water content (KF volumetric)	0.6%
General comment	Product is unstable in methanol

Latest update: October 21, 2016

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