

Analytical Data Sheet

Lot number **1076388**
not for drug use

Catalog number **L-1565.0050**
Product number **4012563.0050**
Product **Methoxycarbonyl- D- Nle- Gly- Arg- pNA acetate salt**
Molecular formula **C₂₂H₃₄N₈O₇**
Relative molecular mass **522.56**

Tests	Results
Appearance	beige powder
Appearance of solution	clear, colorless solution (10 mg/ml in MeOH)
Identification (TLC)	conforms with authentic material
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/methanol/acetic acid/H ₂ O 70/42/0.5/10 chloroform/methanol/acetic acid/H ₂ O 45/13/1/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	85.0% (Nth 19.23 %, Nfd 16.35 %)
Water content (KF volumetric)	0.4%
Residual organic solvents (GC)	5.50% IPE 1.96% THF

Latest update: April 17, 2018

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