

Analytical Data Sheet

Lot number

1029423

not for drug use

Catalog Number	L-1565.0250
Product number	4012563.0250
Product	Methoxycarbonyl- D- Nle- Gly- Arg- pNA acetate salt
Molecular formula	C ₂₂ H ₃₄ N ₈ O ₇
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: February 24, 2010	Analytical Data Sheet Lot number 1029423