

Analytical Data Sheet

Lot number **1000026447**
not for drug use

Catalog number **L-1490.0050**
Product number **4008145.0050**
Product **H- D- Phe- Homopro- Arg- pNA · 2 acetate**
Molecular formula $C_{27}H_{36}N_8O_5 \cdot 2 C_2H_4O_2$
Relative molecular mass 672.74

Tests	Results
Appearance	pale yellowish powder
Appearance of solution	clear, colorless solution (10 mg/ml in H ₂ O)
Identification (ESI-MS)	m = 552.3u (average mass)
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 chloroform/methanol/acetic acid 32% 5/3/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	79.2% (Nth 20.28 %, Nfd 16.06 %)
Water content (KF coulometric)	5.9%
General comment	product supplied as an acetate salt

Latest update: December 20, 2019

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