

Analytical Data Sheet

Lot number **1068290**
not for drug use

Catalog number **K-1510.0050**
Product number **4006605.0050**
Product **Suc- Phe- Gly- Leu- βNA**
Molecular formula $C_{31}H_{36}N_4O_6$
Relative molecular mass 560.65

Tests	Results
Appearance	off-white powder
Appearance of solution	clear, light yellow solution (50 mg/ml in DMF)
Identification (ESI-MS)	m = 560.6u (average mass)
Identification (elemental analysis)	Theory Found C = 66.4 % C = 66.3 % H = 6.5 % H = 6.5 % N = 10.0 % N = 9.9 %
Purity (TLC)	> 98%
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 toluene/dioxane/acetic acid 95/25/4 plate : silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, TMB
Assay (elemental analysis)	98.8% (Nth 9.99 %, Nfd 9.87 %)

Latest update: October 13, 2016

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