

Analytical Data Sheet

Lot number **1065509**
not for drug use

Catalog number **H-8865.0025**
Product number **4017794.0025**
Product **(D- Arg², Lys⁴) - Dermorphin (1- 4) amide**
H- Tyr- D- Arg- Phe- Lys- NH₂
Molecular formula **C₃₀H₄₅N₉O₅**
Relative molecular mass **611.75**

Tests	Results
Appearance	white powder
Identification (FAB-MS)	[M + H] ⁺ : m/z = 612 u
Amino acid analysis	Tyr 1.00 (1) Arg 0.92 (1) Phe 1.09 (1) Lys 0.92 (1)
Solubility	soluble 50mg/ml in H ₂ O
Purity (HPLC)	98.9% (TFA) 98.8% (TEAP)
Assay (elemental analysis)	55% (Nth 20.61 %, Nfd 11.36 %)
General comment	the product contains TFA

Latest update: April 28, 2016

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