

Analytical Data Sheet

Lot number **1075950**
not for drug use

Catalog number **H-1172.0500**
Product number **4031084.0500**
Product **PACAP- 27 (human, mouse, ovine, porcine, rat) trifluoroacetate salt**
H- His- Ser- Asp- Gly- Ile- Phe- Thr- Asp- Ser- Tyr- Ser- Arg- Tyr- Arg- Lys- Gln- Met- Ala- Val- Lys- Lys- Tyr- Leu- Ala- Ala- Val- Leu- NH₂ trifluoroacetate salt
Molecular formula **C₁₄₂H₂₂₄N₄₀O₃₉S**
Relative molecular mass **3147.65**

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 3147.5u (average mass)
Amino acid analysis	Asx 2.1 (2) Ala 3.1 (3) Tyr 3.1 (3) Thr 1.0 (1) Val 1.9 (2) Phe 0.9 (1) Ser 2.8 (3) Met 0.9 (1) Lys 3.1 (3) Glx 1.0 (1) Ile 0.9 (1) His 1.0 (1) Gly 1.0 (1) Leu 2.1 (2) Arg 2.0 (2)
Solubility	clear and colorless solution at 1 mg/mL in water
Purity (HPLC)	≥ 97%
Peptide content	76.1%

Latest update: March 07, 2018

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