

## Analytical Data Sheet

Lot number **1000025115**  
not for drug use

Catalog number **H-1172.1000**  
Product number **4031084.1000**  
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- NH<sub>2</sub> trifluoroacetate salt  
Molecular formula **C<sub>142</sub>H<sub>224</sub>N<sub>40</sub>O<sub>39</sub>S**  
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: November 22, 2019

**Analytical Data Sheet**  
Lot number **1000025115**