

Analytical Data Sheet

Lot number **1000018575**
not for drug use

Catalog number H-5512.0500
Product number 4037186.0500
Product **Secretoneurin (mouse, rat) trifluoroacetate salt**
 H- Thr- Asn- Glu- Ile- Val- Glu- Glu- Gln- Tyr- Thr- Pro-
 Gln- Ser- Leu- Ala- Thr- Leu- Glu- Ser- Val- Phe- Gln-
 Glu- Leu- Gly- Lys- Leu- Thr- Gly- Pro- Ser- Asn- Gln-
 OH trifluoroacetate salt
Molecular formula C₁₅₉H₂₅₂N₄₀O₅₈
Relative molecular mass 3651.98

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m = 3651.9u
Amino acid analysis	Asx 2.0 (2) Thr* 3.7 (4) Gly 2.2 (2) Glx 8.9 (9) Pro 2.0 (2) Ile** 0.7 (1) Ala 1.0 (1) Val** 1.8 (2) Phe 1.0 (1) Leu 3.9 (4) Tyr 1.0 (1) Lys 1.0 (1) Ser 2.8 (3) * partially destroyed during acid hydrolysis ** values low due to the resistance of the Ile-Val bond to acid hydrolysis
Solubility	soluble in 0.01M ammonium bicarbonate in 60% acetonitrile/water
Purity (HPLC)	> 99%
Assay (AAA)	83.0%

Latest update: July 10, 2019

Analytical Data Sheet
Lot number **1000018575**