

## Analytical Data Sheet

Lot number **1000017702**  
not for drug use

**Catalog number** H-7584.0500  
**Product number** 4062141.0500  
**Product** (Pro<sup>3</sup>) - Gastric Inhibitory Polypeptide (human) trifluoroacetate salt  
 H- Tyr- Ala- Pro- Gly- Thr- Phe- Ile- Ser- Asp- Tyr- Ser- Ile- Ala- Met- Asp- Lys- Ile- His- Gln- Gln- Asp- Phe- Val- Asn- Trp- Leu- Leu- Ala- Gln- Lys- Gly- Lys- Lys- Asn- Asp- Trp- Lys- His- Asn- Ile- Thr- Gln- OH trifluoroacetate salt  
**Molecular formula** C<sub>226</sub>H<sub>338</sub>N<sub>60</sub>O<sub>64</sub>S  
**Relative molecular mass** 4951.60

Tests	Results
<b>Appearance</b>	white lyophilized powder
<b>Identification (ESI-MS)</b>	m = 4951.9u
<b>Amino acid analysis</b>	Ala 3.4 (3) Ile 4.0 (4) Pro 1.1 (1) Val 1.0 (1) Asx 6.1 (7) Leu 2.3 (2) Ser 1.6 (2) Glx 4.0 (4) Lys 5.6 (5) Thr 2.1 (2) Gly 2.3 (2) Met 1.0 (1) Trp 0.0 (2*) His 2.0 (2) Phe 2.1 (2) Tyr 2.3 (2) * Trp was completely destroyed during hydrolysis
<b>Solubility</b>	1 mg/mL in water
<b>Purity (HPLC)</b>	97.1%
<b>Peptide content</b>	76.9%

Latest update: June 19, 2019

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