

Analytical Data Sheet

Lot number

1029053

not for drug use

Catalog Number

H-6078.0500

Product number

4044537.0500

Product

Galanin- Like Peptide (human) trifluoroacetate salt

H- Ala- Pro- Ala- His- Arg- Gly- Arg- Gly- Gly- Trp- Thr-
Leu- Asn- Ser- Ala- Gly- Tyr- Leu- Leu- Gly- Pro- Val- Leu-
His- Leu- Pro- Gln- Met- Gly- Asp- Gln- Asp- Gly- Lys- Arg-
Glu- Thr- Ala- Leu- Glu- Ile- Leu- Asp- Leu- Trp- Lys- Ala-
Ile- Asp- Gly- Leu- Pro- Tyr- Ser- His- Pro- Pro- Gln- Pro-
Ser- OH trifluoroacetate salt

Molecular formula

$C_{292}H_{451}N_{83}O_{84}S$

Relative molecular mass

6500.37

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	m= 6501.0u
Amino acid analysis	<p>Asx 5.2 (5) Arg 3.1 (3) Lys 2.1 (2) Trp* 1.4 (2) Glx 4.9 (5) Thr 2.0 (2) Ser* 2.7 (3) Ala 5.2 (5) Pro 6.8 (7) Gly 8.2 (8) Ile 1.9 (2) Val 1.1 (1) Met* 0.9 (1) His 3.0 (3) Leu 8.6 (9) Tyr 1.9 (2)</p> <p>* partially destroyed during acid hydrolysis</p>
Solubility	soluble in water
Purity (HPLC)	> 98%
Assay (AAA)	79.7%
Latest update: February 05, 2010	