

# Analytical Data Sheet

Lot number

## 1039972

not for drug use

**Catalog Number**

**H-6224.0001**

**Product number**

**4046855.0001**

**Product**

**LL- 37 amide trifluoroacetate salt**

H- Leu- Leu- Gly- Asp- Phe- Phe- Arg- Lys- Ser- Lys- Glu-  
Lys- Ile- Gly- Lys- Glu- Phe- Lys- Arg- Ile- Val- Gln- Arg-  
Ile- Lys- Asp- Phe- Leu- Arg- Asn- Leu- Val- Pro- Arg- Thr-  
Glu- Ser- NH<sub>2</sub> trifluoroacetate salt

**Molecular formula**

C<sub>205</sub>H<sub>341</sub>N<sub>61</sub>O<sub>52</sub>

**Relative molecular mass**

4492.34

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in water)
<b>Identification (ESI-MS)</b>	m = 4492.3u (average mass)
<b>Amino acid analysis</b>	Asx 3.0 (3)   Thr 1.0 (1)   Leu 3.7 (4) Ser 1.7 (2)   Pro 1.0 (1)   Phe 3.8 (4) Glx 3.9 (4)   Val 1.7 (2) Gly 2.1 (2)   Lys 5.4 (6) Arg 4.5 (5)   Ile 2.1 (3)  Ser partially destroyed during hydrolysis Ile-Val incomplete hydrolysis (RT 34.7 min)
<b>Purity (HPLC)</b>	98.6% (TFA)  95.3% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	73.0% (Nth 19.02%, Nfd 13.88%)
Latest update: January 13, 2012	<b>Analytical Data Sheet</b> Lot number <b>1039972</b>