

Analytical Data Sheet

Lot number **1072724**
not for drug use

Catalog number H-6224.0005
Product number 4046855.0005
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- NH₂ trifluoroacetate salt
Molecular formula C₂₀₅H₃₄₁N₆₁O₅₂
Relative molecular mass 4492.34

Tests	Results
Appearance	white lyophilisate
Appearance of solution	clear, colorless solution (1 mg/mL in water)
Identification (ESI-MS)	m = 4492.3u (average mass)
Amino acid analysis	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)
Purity (HPLC)	98.6% (TFA) 95.3% (NaClO ₄)
Assay (elemental analysis)	73.0% (Nth 19.02%, Nfd 13.88%)

Latest update: July 24, 2017

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