

## Analytical Data Sheet

Lot number **1074216**  
not for drug use

**Catalog number** H-8284.0100  
**Product number** 4104169.0100  
**Product** **5- FAM- LL- 37 trifluoroacetate salt**  
 Fluorescein- 5- carbonyl- 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- OH  
 trifluoroacetate salt  
**Molecular formula** C<sub>226</sub>H<sub>350</sub>N<sub>60</sub>O<sub>59</sub>  
**Relative molecular mass** 4851.63

Tests	Results
<b>Appearance</b>	yellow powder
<b>Identification (MALDI-MS)</b>	4851.11
<b>Amino acid analysis</b>	Asx 3.06 (3) Gly 2.16 (2) Lys 5.76 (6) Thr 1.01 (1) Val** 1.57 (2) Arg 4.76 (5) Ser* 1.73 (2) Ile** 2.02 (3) Glx 4.11 (4) Leu 4.09 (4) Pro 1.06 (1) Phe 4.00 (4)  *Partially destroyed during acid hydrolysis **Valine and isoleucine values low due to the resistance of the Ile-Val bond to acid hydrolysis
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	95.1%
<b>Assay (AAA)</b>	74.6%

Latest update: November 10, 2017

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