

# Analytical Data Sheet

Lot number

## 1043945

not for drug use

Catalog Number

H-6176.0500

Product number

4046867.0500

Product

**C5a Anaphylatoxin (37- 53) (human) trifluoroacetate salt**

H- Arg- Ala- Ala- Arg- Ile- Ser- Leu- Gly- Pro- Arg- Cys- Ile- Lys- Ala- Phe- Thr- Glu- OH trifluoroacetate salt

Molecular formula

$C_{82}H_{141}N_{27}O_{22}S$

Relative molecular mass

1889.26

Tests	Results	
<b>Appearance</b>	white powder	
<b>Amino acid analysis</b>	Thr 1.0 (1)   Gly 1.0 (1)   Leu 1.0 (1) Pro 1.0 (1)   Ile 1.6 (2)   Arg 2.9 (3) Cys 0.2 (1)   Lys 0.9 (1) Phe 1.1 (1)   Glx 1.0 (1) Ser 1.0 (1)   Ala 3.0 (3)	
<b>Solubility</b>	at least 1 mg/mL in H <sub>2</sub> O	
<b>Purity (HPLC)</b>	> 90.0% by reverse phase HPLC	
<b>Peptide content</b>	75%	
<b>General comment</b>	mass analysis: as expected	
Latest update: July 31, 2012		<b>Analytical Data Sheet</b> Lot number <b>1043945</b>