

## Analytical Data Sheet

Lot number **1061843**  
not for drug use

**Catalog number** H-7306.0500  
**Product number** 4074448.0500  
**Product** **APL1 $\beta$ 28 trifluoroacetate salt**  
H- Asp- Glu- Leu- Ala- Pro- Ala- Gly- Thr- Gly- Val- Ser-  
Arg- Glu- Ala- Val- Ser- Gly- Leu- Leu- Ile- Met- Gly-  
Ala- Gly- Gly- Gly- Ser- Leu- OH trifluoroacetate salt  
**Molecular formula** C<sub>109</sub>H<sub>185</sub>N<sub>31</sub>O<sub>39</sub>S  
**Relative molecular mass** 2585.92

Tests	Results
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m= 2585.7u
<b>Amino acid analysis</b>	Asx 1.0 (1) Pro 1.1 (1) Met* 0.5 (1) Glx 2.1 (2) Val 2.1 (2) Arg 1.0 (1) Ala 4.0 (4) Leu 4.0 (4) Ile 0.9 (1) Ser 2.8 (3) Thr 1.0 (1) Gly 6.8 (7)  * partially destroyed during acid hydrolysis
<b>Solubility</b>	soluble in water
<b>Purity (HPLC)</b>	> 95%
<b>Assay (AAA)</b>	84.2%

Latest update: October 23, 2015

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