

## Analytical Data Sheet

Lot number **1060343**  
not for drug use

Catalog number **H-7518.0001**  
Product number **4049177.0001**  
Product **(Cys<sup>46</sup>) - HIV- 1 tat Protein (46- 57) amide trifluoroacetate salt**  
H- Cys- Tyr- Gly- Arg- Lys- Lys- Arg- Arg- Gln- Arg- Arg- Arg- NH<sub>2</sub> trifluoroacetate salt  
Molecular formula **C<sub>67</sub>H<sub>124</sub>N<sub>34</sub>O<sub>14</sub>S**  
Relative molecular mass **1662.01**

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	1662.15
Amino acid analysis	Glx 1.06 (1) Arg 5.83 (6) Gly 1.08 (1) Cys* 0.06 (1) Tyr 1.02 (1) Lys 2.02 (2)  *Partially destroyed during acid hydrolysis
Solubility	soluble in 1% Acetic acid at 1mg/mL
Purity (HPLC)	>97%
Assay (AAA)	53.8%
Date of manufacture	December 12, 2014

Latest update: August 25, 2015

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