

Analytical Data Sheet

Lot number **1000025369**
not for drug use

Catalog number **H-7518.0005**
Product number **4049177.0005**
Product **(Cys⁴⁶) - HIV- 1 tat Protein (46- 57) amide trifluoroacetate salt**
H- Cys- Tyr- Gly- Arg- Lys- Lys- Arg- Arg- Gln- Arg- Arg- Arg- NH₂ trifluoroacetate salt
Molecular formula **C₆₇H₁₂₄N₃₄O₁₄S**
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%

Latest update: November 26, 2019

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