

## Analytical Data Sheet

<b>Lot number</b>	<b>1000055639</b> not for drug use
<b>Product</b>	<b>HIV-1 tat Protein (47-57) trifluoroacetate salt</b> H-Tyr-Gly-Arg-Lys-Lys-Arg-Arg-Gln-Arg-Arg-Arg-OH trifluoroacetate salt
<b>Product number</b>	<b>4048761.0005</b>
<b>Molecular formula</b>	$C_{64}H_{118}N_{32}O_{14}$
<b>Relative molecular mass</b>	1559.85

<b>Tests</b>	<b>Results</b>
<b>Appearance</b>	white powder
<b>Identification (MALDI-MS)</b>	m = 1560.40u
<b>Amino acid analysis</b>	Glx 0.97 (1)    Lys 2.06 (2) Gly 1.02 (1)    Arg 5.95 (6) Tyr 0.99 (1)
<b>Solubility</b>	soluble in water at 1mg/mL
<b>Purity (HPLC)</b>	98.8%
<b>Assay (AAA)</b>	54.2%

Latest update: September 21, 2021

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