

Analytical Data Sheet

Lot number

3016147

not for drug use

Catalog number

H-7796.1000

Product number

4034554.1000

Product

Histone H3 (1- 20) trifluoroacetate saltH- Ala- Arg- Thr- Lys- Gln- Thr- Ala- Arg- Lys- Ser- Thr-
Gly- Gly- Lys- Ala- Pro- Arg- Lys- Gln- Leu- OH
trifluoroacetate salt

Molecular formula

 $C_{91}H_{167}N_{35}O_{27}$

Relative molecular mass

2183.55

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	2183.93
Amino acid analysis	Thr 2.77 (3) Ala 3.17 (3) Ser 0.99 (1) Leu 1.06 (1) Glx 1.92 (2) Lys 3.77 (4) Pro 1.06 (1) Arg 2.90 (3) Gly 2.12 (2)
Solubility	soluble in water at 1mg/mL
Purity (HPLC)	92.3%
Assay (AAA)	64.5%

Latest update: September 23, 2016

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