

Analytical Data Sheet

Lot number **3016146**
not for drug use

Catalog number H-7796.0500
Product number 4034554.0500
Product **Histone H3 (1- 20) trifluoroacetate salt**
H- 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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