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**Product Data Sheet**

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Product Name: H3K4(Me) (1-20)

Cat. No.: GC50383

**Chemical Properties**

Cas. No.

Formula C<sub>92</sub>H<sub>169</sub>N<sub>35</sub>O<sub>27</sub> M.Wt 2197.57

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Histone peptide. Substrate for methyltransferase/demethylase enzymes. Peptide derived from human histone isotype 3.1.

Mulder et al (2017) Regulation of histone H3K4 tri-methylation and PAF complex recruitment by the Ccr4-Not complex. Nucleic Acids Res. 35 2428 PMID:17392337

**Caution: Product has not been fully validated for medical applications. For research use only.**

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