
Product Data Sheet

Product Name: H3K4(Me2) (1-20)

Cat. No.: GC50384

Chemical Properties

Cas. No.

Formula C₉₃H₁₇₁N₃₅O₂₇

M.Wt 2211.59

Solubility H₂O : 25 mg/mL (11.30 mM; Need ultrasonic)

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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