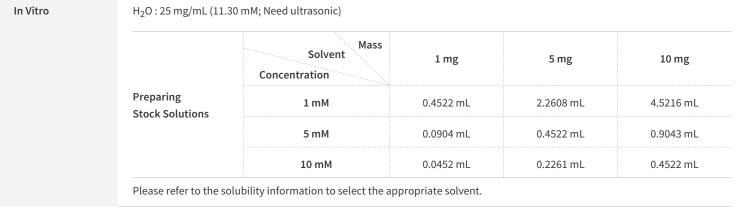
H3K4(Me2) (1-20)

Cat. No.:	HY-P2256
Molecular Formula:	C ₉₃ H ₁₇₁ N ₃₅ O ₂₇
Molecular Weight:	2211.61
Sequence:	Ala-Arg-Thr-{Lys(Me2)}-Gln-Thr-Ala-Arg-Lys-Ser-Thr-Gly-Gly-Lys-Ala-Pro-Arg-Lys-Gln-L eu
Sequence Shortening:	ART-{Lys(Me2)}-QTARKSTGGKAPRKQL
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

SOLVENT & SOLUBILITY



BIOLOGICAL ACTIVITY	
Description	H3K4(Me2) (1-20) is a histone peptide. H3K4me2 regulates the recovery of protein biosynthesis and homeostasis following DNA damage ^{[1][2]} .

REFERENCES

[1]. Mulder KW, et al. Regulation of histone H3K4 tri-methylation and PAF complex recruitment by the Ccr4-Not complex. Nucleic Acids Res. 2007;35(7):2428-2439.

[2]. Wang S, et al. H3K4me2 regulates the recovery of protein biosynthesis and homeostasis following DNA damage. Nat Struct Mol Biol. 2020;27(12):1165-1177.

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Proteins

Product Data Sheet



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

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