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[Lys(Me_1)^9] - Histone H3 (1 - 21), H3K9(Me_1) ARTKQTAR - K(Me1) - STGGKAPRKQLA

Product Code: 3074-0100

Price: $178.00

Short Description
ARTKQTAR-K(Me1)-STGGKAPRKQLA

Description

Overview	
Description	This is a monomethylated lysine at position 9 of the 1-21 amino acid histone H3 peptide. This form of histone methylation is characterized as being enriched around transcription start sites. This peptide has been used as a control peptide in a TR-FRET assay for identifying inhibitors of histone lysine demethylases.
Sequence	ARTKQTAR-K(Me1)-STGGKAPRKQLA
Sequence (3 Letter)	H - Ala - Arg - Thr - Lys - Gln - Thr - Ala - Arg - Lys(Me1) - Ser - Thr - Gly - Gly - Lys - Ala - Pro - Arg - Lys - Gln - Leu - Ala - OH
Molecular Weight	2269.1
Properties	
Purity	% Peak Area By HPLC ? 95%
Storage	-20 °C

References
1, Tian Y. et al. PLOS One. 6(11):e27770 (2011)
2, Yu V. et al. J Biomol Screen. 1791):27-38 (2011).